

# eIF3D/EIF3S7 Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID NP\_003744.1

Catalog No. A301-759A

GeneID 8664

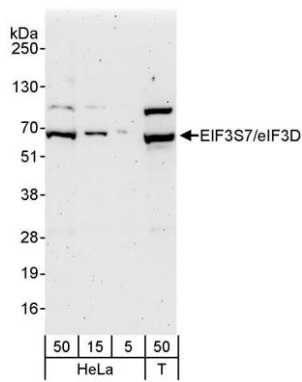
Lot No. A301-759A-1



|                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |              |                    |                     |                                                                   |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|--------------------|---------------------|-------------------------------------------------------------------|
| APPLICATIONS          | WB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |              |                    |                     |                                                                   |
| SPECIES REACTIVITY    | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |              |                    |                     |                                                                   |
| PRESUMED REACTIVITY   | Based on 100% sequence identity, this antibody is predicted to react with Mouse, Rat, Bovine and Orangutan                                                                                                                                                                                                                                                                                                                                                                                                                 |              |                    |                     |                                                                   |
| AMOUNT                | 100 µl                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |              |                    |                     |                                                                   |
| CONCENTRATION         | 200 µg/ml                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |              |                    |                     |                                                                   |
| STORAGE/SHELF LIFE    | 2 – 8° C / 1 year from date of receipt                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |              |                    |                     |                                                                   |
| PHYSICAL STATE        | Liquid                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |              |                    |                     |                                                                   |
| BUFFER                | Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide                                                                                                                                                                                                                                                                                                                                                                                                                                                            |              |                    |                     |                                                                   |
| ISOTYPE               | IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |              |                    |                     |                                                                   |
| ORIGIN                | USA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |              |                    |                     |                                                                   |
| PRODUCTION PROCEDURES | <p>Antibody was affinity purified using an epitope specific to eIF3D/EIF3S7 immobilized on solid support.</p> <p>The epitope recognized by A301-759A maps to a region between residue 200 and 250 of human eukaryotic translation initiation factor 3, subunit D (eukaryotic translation initiation factor 3, subunit 7) using the numbering given in entry NP_003744.1 (GeneID 8664).</p> <p>Immunoglobulin concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.</p> |              |                    |                     |                                                                   |
| APPLICATIONS          | <p>Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.</p> <table><tr><td>Western Blot</td><td>1:2,000 – 1:10,000</td></tr><tr><td>Immunoprecipitation</td><td>Not recommended. Use rabbit anti-eIF3D/EIF3S7 antibody A301-758A.</td></tr></table>                                                                                                                                             | Western Blot | 1:2,000 – 1:10,000 | Immunoprecipitation | Not recommended. Use rabbit anti-eIF3D/EIF3S7 antibody A301-758A. |
| Western Blot          | 1:2,000 – 1:10,000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |              |                    |                     |                                                                   |
| Immunoprecipitation   | Not recommended. Use rabbit anti-eIF3D/EIF3S7 antibody A301-758A.                                                                                                                                                                                                                                                                                                                                                                                                                                                          |              |                    |                     |                                                                   |
| APPLICATION NOTES     | Western blot of lysates performed using standard western blot reagents and 4–20% SDS-PAGE.                                                                                                                                                                                                                                                                                                                                                                                                                                 |              |                    |                     |                                                                   |
| ADDITIONAL INFO       | <p><a href="https://www.bethyl.com/product/A301-759A">https://www.bethyl.com/product/A301-759A</a></p> <p>Use the link above to view SDS, a current list of citations, and other product specific information.</p>                                                                                                                                                                                                                                                                                                         |              |                    |                     |                                                                   |

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.  
Eric McIntush, PhD | Chief Scientific Officer

Date: June 21, 2019



**Detection of human eIF3D/EIF3S7 by western blot.**  
*Samples:* Whole cell lysate from HeLa (5, 15 and 50 µg for WB) and HEK293T (T; 50 µg) cells. *Antibodies:* Affinity purified rabbit anti-eIF3D/EIF3S7 antibody A301-759A used for WB at 0.04 µg/ml. *Detection:* Chemiluminescence with an exposure time of 3 minutes.