eIF3D/EIF3S7 Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Catalog No. A301-758A

Lot No. A301-758A-1

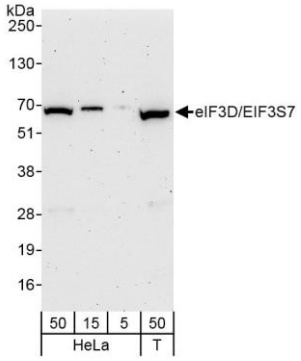
Protein ID NP_003744.1

GeneID 8664

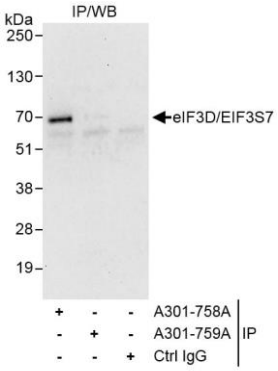
APPLICATIONS	WB, IP
SPECIES REACTIVITY	Human
PRESUMED REACTIVITY	Based on 100% sequence identity, this antibody is predicted to react with Mouse, Rat, Bovine and Orangutan
AMOUNT	100 µl
CONCENTRATION	200 µg/ml
STORAGE/SHELF LIFE	2 - 8° C / 1 year from date of receipt
PHYSICAL STATE	Liquid
BUFFER	Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
ISOTYPE	IgG
ORIGIN	USA
PRODUCTION PROCEDURES	Antibody was affinity purified using an epitope specific to eIF3D/EIF3S7 immobilized on solid support. The epitope recognized by A301-758A maps to a region between residue 150 and 200 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). Immunoglobulin concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.
APPLICATIONS	Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use. Western Blot 1:2,000 - 1:10,000 Immunoprecipitation 2 - 5 µg/mg lysate
APPLICATION NOTES	Western blot of immunoprecipitates performed using Normal Pig Serum (Cat. No. S100-020), Goat anti-Rabbit Light Chain HRP Conjugate (Cat. No. A120-113P) and 4-20% SDS-PAGE (link to IP-western blot protocol in Additional Info section below). Western blot of lysates performed using standard western blot reagents and 4-20% SDS-PAGE.
ADDITIONAL INFO	https://www.bethyl.com/product/A301-758A Use the link above to view SDS, a current list of citations, and other product specific information. IP-western blot protocol https://www.bethyl.com/content/protocol_IP_WB

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: October 21, 2019



Detection of human eIF3D/EIF3S7 by western blot. *Samples:* Whole cell lysate from HeLa (5, 15 and 50 µg) and HEK293T (T; 50 µg) cells. *Antibodies:* Affinity purified rabbit anti-eIF3D/EIF3S7 antibody A301-758A (lot A301-758A-1) used for WB at 0.04 µg/ml. *Detection:* Chemiluminescence with exposure time of 3 minutes.



Detection of human eIF3D/EIF3S7 by western blot of immunoprecipitates. *Samples:* Whole cell lysate (1 mg for IP, 20% of IP loaded) from HeLa cells. *Antibodies:* Affinity purified rabbit anti-eIF3D/EIF3S7 antibody A301-758A (lot A301-758A-1) used for IP at 3 µg/mg lysate. eIF3D/EIF3S7 was not efficiently immunoprecipitated by rabbit anti-eIF3D/EIF3S7 antibody A301-759A, which recognizes a downstream epitope. For blotting immunoprecipitated eIF3D/EIF3S7, A301-758A was used at 0.4 µg/ml. *Detection:* Chemiluminescence with exposure time of 30 seconds.