

eIF4H Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID NP_071496.1

Catalog No. A301-848A

GeneID 7458

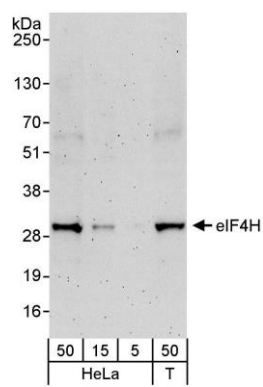
Lot No. A301-848A-1



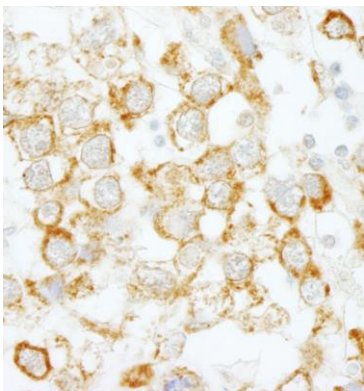
APPLICATIONS	WB, IHC						
SPECIES REACTIVITY	Human						
PRESUMED REACTIVITY	Based on 100% sequence identity, this antibody is predicted to react with Mouse, Rat and Orangutan						
AMOUNT	100 µl						
CONCENTRATION	200 µg/ml						
STORAGE/SHELF LIFE	2 – 8° C / 1 year from date of receipt						
PHYSICAL 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 eIF4H immobilized on solid support. The epitope recognized by A301-848A maps to a region between residue 198 and 248 of human eukaryotic translation initiation factor 4H using the numbering given in entry NP_071496.1 (GeneID 7458). 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. <table><tr><td>Western Blot</td><td>1:2,000 – 1:10,000</td></tr><tr><td>Immunoprecipitation</td><td>Not recommended</td></tr><tr><td>Immunohistochemistry</td><td>1:100 – 1:500. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.</td></tr></table>	Western Blot	1:2,000 – 1:10,000	Immunoprecipitation	Not recommended	Immunohistochemistry	1:100 – 1:500. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.
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APPLICATION NOTES	Western blot of lysates performed using standard western blot reagents and 4–20% SDS-PAGE.						
IHC HUMAN CONTROLS	Colon Carcinoma, Prostate Carcinoma, Testicular Seminoma						
ADDITIONAL INFO	https://www.bethyl.com/product/A301-848A Use the link above to view SDS, a current list of citations, and other product specific information.						

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 eIF4H 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-eIF4H antibody A301-848A used for WB at 0.04 µg/ml. *Detection:* Chemiluminescence with an exposure time of 3 minutes.



Detection of human eIF4H by immunohistochemistry. *Sample:* FFPE section of human testicular seminoma. *Antibody:* Affinity purified rabbit anti-eIF4H (Cat. No. A301-848A) used at a dilution of 1:200 (1 µg/ml). *Detection:* DAB