

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten! See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere Liefer- und Versandbedingungen

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
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eIF4E Antibody

Rabbit Polyclonal

Antigen Affinity Purified Protein ID NP_001959.1

Catalog No. A301-154A GeneID 1977

Lot No. A301-154A-3

APPLICATIONS WB, IP

SPECIES REACTIVITY Human, Mouse

PRESUMED REACTIVITY Based on 100% sequence identity, this antibody is predicted to react with Rat, X. laevis, Bovine

and Rabbit

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 eIF4E immobilized on solid support.

The epitope recognized by A301–154A maps to a region between residue 167 and 217 of human eukaryotic translation initiation factor 4E using the numbering given in entry NP_001959.1

(GenelD 1977).

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 $2 - 10 \mu g/mg$ lysate

APPLICATION NOTES Western blot of immunoprecipitates performed using Normal Pig Serum (Cat. No. \$100–020),

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/A301-154A

Use the link above to view SDS, a current list of citations, and other product specific information.

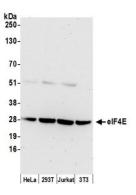
IP-western blot protocol: https://www.bethyl.com/content/protocol_IP_WB

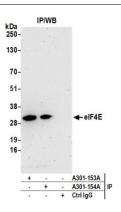
This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc. Eric McIntush, PhD | Chief Scientific Officer

Date: June 21, 2019



elF4E Antibody A301-154A





Detection of human and mouse eIF4E by western blot. *Samples:* Whole cell lysate (50 μg) from HeLa, HEK293T, Jurkat, and mouse NIH 3T3 cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-eIF4E antibody A301-154A (lot A301-154A-3) used for WB at 0.1 μg/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds.

Detection of human elF4E by western blot of immunoprecipitates. *Samples:* Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. *Antibodies:* Affinity purified rabbit anti-elF4E antibody A301-154A (lot A301-154A-3) used for IP at 3 µg per reaction. elF4E was also immunoprecipitated by rabbit anti-elF4E antibody A301-153A. For blotting immunoprecipitated elF4E, A301-154A was used at 1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 75 seconds.