eIF3X Antibody

Rabbit Polyclonal

Antigen Affinity Purified Protein ID NP_056044.3

Catalog No. A301-764A GeneID 23277

Lot No. A301-764A-3

APPLICATIONS WB, IP, IHC

SPECIES REACTIVITY Human, Mouse

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 eIF3X immobilized on solid support.

The epitope recognized by A301-764A maps to a region between residue 650 and 700 of human putative eukaryotic translation initiation factor 3 subunit using the numbering given in entry

NP_056044.3 (GeneID 23277).

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 µg/mg lysate

Immunohistochemistry 1:100 - 1:500. Epitope retrieval with citrate buffer pH 6.0 is

recommended for FFPE tissue sections.

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 4-8% SDS-PAGE

(link to IP-western blot protocol in Additional Info section below).

Western blot of lysates performed using standard western blot reagents and 4-8% SDS-PAGE.

IHC HUMAN CONTROLS Breast Carcinoma, Ovarian Carcinoma, Stomach Adenocarcinoma

ADDITIONAL INFO https://www.bethyl.com/product/A301-764A

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

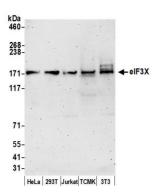
IP-western blot protocol: https://www.bethyl.com/content/protocol_IP_WB

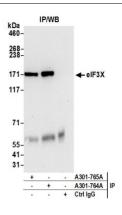
This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc. Eric McIntush, PhD | Chief Scientific Officer

Date: June 21, 2019



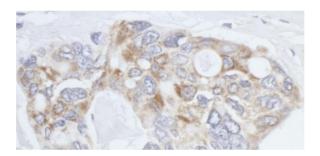
eIF3X Antibody A301-764A





Detection of human and mouse eIF3X by western blot. Samples: Whole cell lysate (50 μ g) from HeLa, HEK293T, Jurkat, mouse TCMK-1, and mouse NIH 3T3 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-eIF3X antibody A301-764A (lot A301-764A-3) used for WB at 0.1 μ g/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.

Detection of human elF3X 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-elF3X antibody A301-764A (lot A301-764A-3) used for IP at 3 µg per reaction. elF3X was also immunoprecipitated by rabbit anti-elF3X antibody A301-765A. For blotting immunoprecipitated elF3X, A301-764A was used at 1 µg/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.



Detection of human eIF3X by immunohistochemistry. *Sample:* FFPE section of human ovarian carcinoma. *Antibody:* Affinity purified rabbit anti-eIF3X (Cat. No. A301-764A Lot3) used at a dilution of 1:200 (1µg/ml). *Detection:* DAB