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Produktinformation



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Diagnostik & molekulare Diagnostik



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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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eIF2A Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Catalog No. A301-948A

Lot No. A301-948A-2

Protein ID NP_114414.2

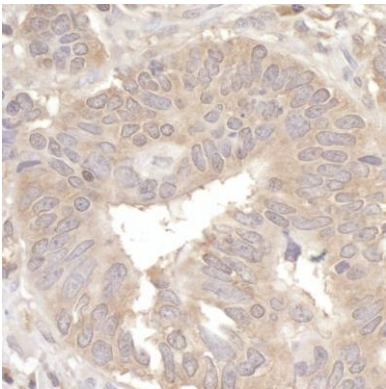
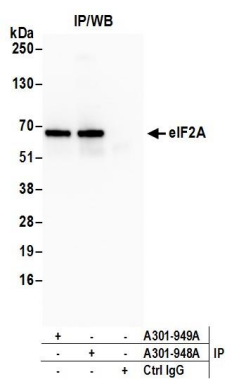
GeneID 83939



APPLICATIONS	IP, IHC
SPECIES REACTIVITY	Human
AMOUNT	100 µl
CONCENTRATION	1000 µg/ml
STORAGE/SHELF LIFE	2 – 8° C / 1 year from date of receipt
PHYSICAL STATE	Liquid
BUFFER	Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
ISOTYPE	IgG
ORIGIN	USA
PRODUCTION PROCEDURES	Antibody was affinity purified using an epitope specific to eIF2A immobilized on solid support. The epitope recognized by A301-948A maps to a region between residue 450 and 500 of human eukaryotic translation initiation factor 2A, 65kDa using the numbering given in entry NP_114414.2 (GeneID 83939). 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 Not recommended. Use rabbit anti-eIF2A antibody A301-949A. Immunoprecipitation 2 – 5 µg/mg lysate Immunohistochemistry 1:200 – 1:1,000. 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 4-20% SDS-PAGE (link to IP-western blot protocol in Additional Info section below).
IHC HUMAN CONTROLS	Breast Carcinoma, Colon Carcinoma
ADDITIONAL INFO	https://www.bethyl.com/product/A301-948A 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



Detection of human eIF2A 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-eIF2A antibody A301-948A (lot A301-948A-2) used for IP at 3 µg per reaction. eIF2A was also immunoprecipitated by rabbit anti-eIF2A antibody A301-949A. For blotting immunoprecipitated eIF2A, A301-948A was used at 1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 10 seconds.

Detection of human eIF2A by immunohistochemistry. *Sample:* FFPE section of human colon carcinoma. *Antibody:* Affinity purified rabbit anti-eIF2A (Cat. No. A301-948A Lot2) used at a dilution of 1:500 (2µg/ml). *Detection:* DAB