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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

eIF4G1 /eIF4GI Antibody

Rabbit Polyclonal

Antigen Affinity Purified	Protein ID	NP_886553.2
Catalog No. A301-774A-T	GeneID	1981
Lot No. A301-774A-T-1		

APPLICATIONS	WB, IP, IHC
SPECIES REACTIVITY	Human
AMOUNT	10 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 eIF4G1/eIF4GI immobilized on solid support.

The epitope recognized by A301-774A-T maps to a region between residue 200 and 250 of human eukaryotic translation initiation factor 4 gamma, 1 using the numbering given in entry NP_886553.2 (GeneID 1981).

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

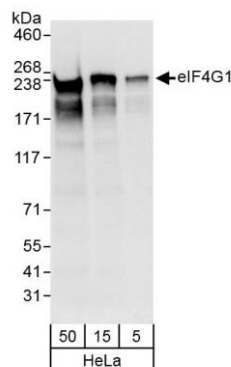
Immunoprecipitation 2 – 5 µg/mg lysate

Immunohistochemistry 1:100 – 1:500. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.

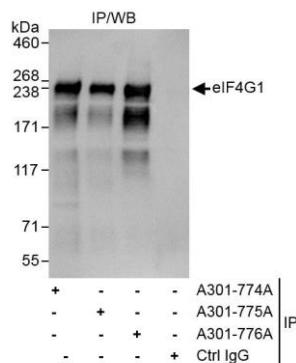
ADDITIONAL INFO <https://www.bethyl.com/product/A301-774A-T>

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

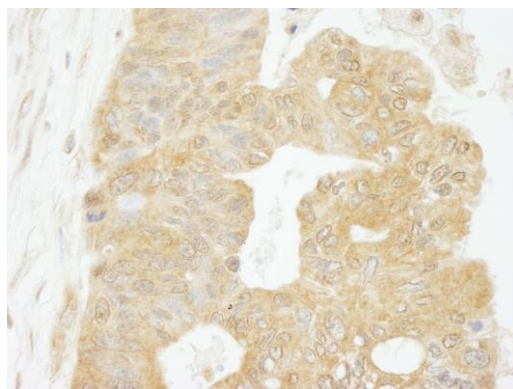
This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.
Michael Spencer, PhD Date: June 6, 2022



Detection of human eIF4G1 by western blot. *Samples:* Whole cell lysate (5, 15 and 50 μ g) from HeLa cells. ***Antibody:*** Affinity purified rabbit anti-eIF4G1 antibody A301-774A (lot A301-774A-1) used for WB at 0.04 μ g/ml. ***Detection:*** Chemiluminescence with exposure time of 3 seconds.



Detection of human eIF4G1 by western blot of immunoprecipitates. *Samples:* Whole cell lysate (1 mg for IP, 20% of IP loaded) from HeLa cells. ***Antibody:*** Affinity purified rabbit anti-eIF4G1 antibody A301-774A (lot A301-774A-1) used for IP at 3 μ g/mg lysate. eIF4G1 was also immunoprecipitated by rabbit anti-eIF4G1 antibodies A301-775A and A301-776A, which recognize downstream epitopes. For blotting immunoprecipitated eIF4G1, A301-774A was used at 1.0 μ g/ml. ***Detection:*** Chemiluminescence with exposure time of 1 second.



Detection of human eIF4G1 by immunohistochemistry. *Sample:* FFPE section of human ovarian carcinoma. ***Antibody:*** Affinity purified rabbit anti-eIF4G1 (Cat. No. A301-774A lot 1) used at a dilution of 1:200 (1 μ g/ml). ***Detection:*** DAB