

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
- 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 in



GCN2 Antibody

Rabbit Polyclonal

Protein ID Antigen Affinity Purified NP 001013725.2

Catalog No. A300-555A GeneID 440275

Lot No. A300-555A-1

APPLICATIONS WB. IP SPECIES REACTIVITY Human **AMOUNT** 100 ul

CONCENTRATION $1000 \mu g/ml$

STORAGE/SHELF LIFE 2 - 8° C / 1 year from date of receipt

PHYSICAL STATE

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 GCN2 immobilized on solid support.

The epitope recognized by A300-555A maps to a region between residues 1 and 50 of human GCN2 (eIF2AK4, eukaryotic translation initiation factor 2 alpha kinase 4) using the numbering

given in entry NP 001013725.2 (GeneID 440275).

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 1:5,000 - 1:15,000 **Immunoprecipitation**

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

2 - 5 µg/mg lysate

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.

ADDITIONAL INFO https://www.bethyl.com/product/A300-555A

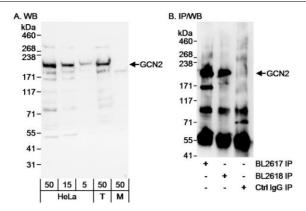
Use the link above to view SDS, a current list of citations, and other product specific information.

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



GCN2 Antibody A300-555A



Detection of human GCN2 by western blot and immunoprecipitation. Samples: Whole cell lysate from HeLa (5, 15 and 50 μ g), HEK293T (T; 50 μ g) and NIH 3T3 (50 μ g) cells. Antibodies: Affinity purified rabbit anti–GCN2 antibody BL2617 (Cat. No. A300–555A) used at 0.1 μ g/ml for WB (A and B) and at 3 μ g/mg lysate for IP (B). GCN2 was also immunoprecipitated using BL2618, which is an affinity purified antibody to a downstream epitope from GCN2. Detection: Chemiluminescence with an exposure time of 10 seconds (A and B).