

EYA4 Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID NP_004091.3

Catalog No. A302-628A

GeneID 2070

Lot No. A302-628A-2

APPLICATIONS WB, IP

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 EYA4 immobilized on solid support.

The epitope recognized by A302-628A maps to a region between residue 1 and 50 of human eyes absent homolog 4 using the numbering given in entry NP_004091.3 (GeneID 2070).

Antibody 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

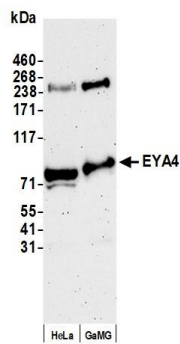
Immunoprecipitation 2 – 10 µg/mg lysate

ADDITIONAL INFO <https://www.bethyl.com/product/A302-628A>

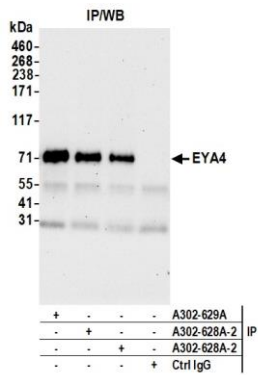
Use the link above to view SDS, a current list of citations, and other product specific information.

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: March 18, 2022



Detection of human EYA4 by western blot. *Samples:* Whole cell lysate (50 µg) from HeLa and GaMG cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-EYA4 antibody (A302-628A lot 2) used for WB at 0.1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 3 minutes.



Detection of human EYA4 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-EYA4 antibody (A302-628A lot 2) used for IP at 6 µg per reaction. EYA4 was also immunoprecipitated by a previous lot of this antibody (A302-628A lot 1) and a second antibody against a different epitope of EYA4 (A302-629A). For blotting immunoprecipitated EYA4, A302-628A was used at 0.1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds.