

For Research Use Only

EYA1 Polyclonal antibody

Catalog Number: 31435-1-AP



Basic Information

Catalog Number:

31435-1-AP

Size:

350 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG33438

GenBank Accession Number:

BC121799

GeneID (NCBI):

2138

UNIPROT ID:

Q99502

Full Name:

eyes absent homolog 1 (Drosophila)

Calculated MW:

592 aa, 65 kDa

Observed MW:

65 kDa

Purification Method:

Antigen affinity Purification

Recommended Dilutions:

WB 1:500-1:3000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

Human, Mouse, Rat

Positive Controls:

WB : NCCIT cells, mouse kidney tissue, rat kidney tissue

Background Information

The EYA1 (Eyes absent homolog 1) gene is the human homologue of the Drosophila Eya1 gene, which is essential for eye development in that species. There are 4 different isoforms of EYA1 (EYA1A, EYA1B, EYA1C, EYA1D), which are composed of 559 amino acids (AA), 592 AA, 592 AA and 557 AA, respectively. It should be noted that isoforms B and C have the same length; however, they could be considered different variants because of change in amino acidic composition (PMID: 24803398).

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

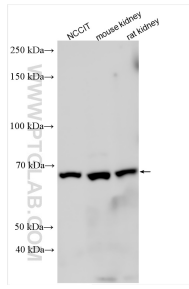
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 31435-1-AP (EYA1 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.