

For Research Use Only

# EYA2 Recombinant monoclonal antibody, PBS Only

Catalog Number: 86046-2-PBS



## Basic Information

|                                             |                                                         |                                                       |
|---------------------------------------------|---------------------------------------------------------|-------------------------------------------------------|
| <b>Catalog Number:</b><br>86046-2-PBS       | <b>GenBank Accession Number:</b><br>BC013882            | <b>Purification Method:</b><br>Protein A purification |
| <b>Source:</b><br>Rabbit                    | <b>GeneID (NCBI):</b><br>2139                           | <b>CloneNo.:</b><br>250437D7                          |
| <b>Isotype:</b><br>IgG                      | <b>UNIPROT ID:</b><br>O00167                            |                                                       |
| <b>Immunogen Catalog Number:</b><br>AG29403 | <b>Full Name:</b><br>eyes absent homolog 2 (Drosophila) |                                                       |
|                                             | <b>Calculated MW:</b><br>64 kDa                         |                                                       |
|                                             | <b>Observed MW:</b><br>60 kDa                           |                                                       |

## Applications

**Tested Applications:**  
WB, Indirect ELISA

**Species Specificity:**  
human

## Background Information

EYA2, also named EAB1, belongs to the HAD-like hydrolase superfamily and EYA family. It coactivates SIX1. The Six1-EYA2 interaction may inhibit breast cancer progression. EYA2 is required for Six1-activated TGF-beta signaling. (PMID:21706047) It may be involved in the development of the eye. This protein has 3 isoforms produced by alternative splicing with the molecular weight of 59 kDa, 57 kDa, and 50 kDa. This recombinant antibody can not detect the modified isoform with the molecular weight of 70 kDa, compared with 11314-1-AP.

## Storage

**Storage:**  
Store at -80°C.

**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

**Storage Buffer:**  
PBS only, pH7.3

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

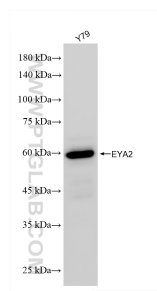
T: 4006900926

E: Proteintech-CN@ptglab.com

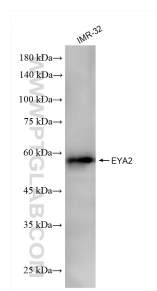
W: ptgcn.com

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

## Selected Validation Data



Y79 cells were subjected to SDS PAGE followed by western blot with 86046-2-RR (EYA2 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86046-2-PBS in a different storage buffer formulation.



IMR-32 cells were subjected to SDS PAGE followed by western blot with 86046-2-RR (EYA2 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86046-2-PBS in a different storage buffer formulation.