

For Research Use Only

EYA2 Recombinant monoclonal antibody

Catalog Number: 86046-2-RR



Basic Information

Catalog Number: 86046-2-RR	GenBank Accession Number: BC013882	Purification Method: Protein A purification
Source: Rabbit	GeneID (NCBI): 2139	CloneNo.: 250437D7
Isotype: IgG	UNIPROT ID: O00167	Recommended Dilutions: WB: 1:1000-1:4000
Immunogen Catalog Number: AG29403	Full Name: eyes absent homolog 2 (Drosophila)	
	Calculated MW: 64 kDa	
	Observed MW: 60 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : IMR-32 cells, Y79 cells
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 -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

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

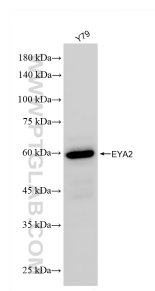
T: 4006900926

E: Proteintech-CN@ptglab.com

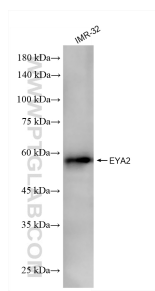
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Selected Validation Data



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.



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.