

For Research Use Only

EYA2 Polyclonal antibody

Catalog Number: 30607-1-AP



Basic Information

Catalog Number: 30607-1-AP	GenBank Accession Number: BC013882	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 400 ug/ml by Nanodrop;	GeneID (NCBI): 2139	Recommended Dilutions: IHC 1:50-1:500 IF/ICC 1:200-1:800
Source: Rabbit	UNIPROT ID: O00167	
Isotype: IgG	Full Name: eyes absent homolog 2 (Drosophila)	
Immunogen Catalog Number: AG31827	Calculated MW: 64 kDa	

Applications

Tested Applications: IHC, IF/ICC, ELISA	Positive Controls:
Species Specificity: human, mouse	IHC : mouse eye tissue, IF/ICC : HeLa cells,
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

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. It can be detected two bands of 70 kDa and 56 kDa in the neuroblastoma cells by western blot(PMID:12039049).

Storage

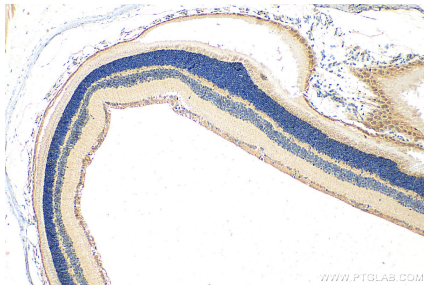
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

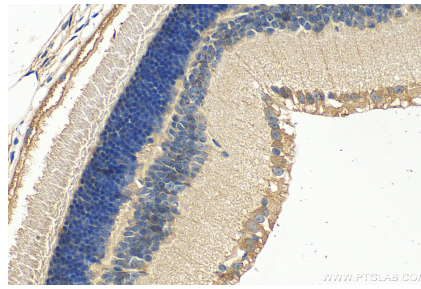
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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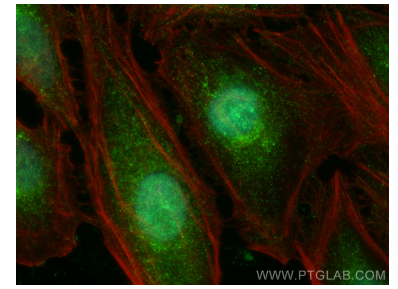
Selected Validation Data



Immunohistochemical analysis of paraffin-embedded mouse eye tissue slide using 30607-1-AP (EYA2 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse eye tissue slide using 30607-1-AP (EYA2 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using EYA2 antibody (30607-1-AP) at dilution of 1:400 and Multi-rAb CoraLite® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002), CL594-phalloidin (red).