

For Research Use Only

EYA1 Polyclonal antibody

Catalog Number: 31435-1-AP



Basic Information

Catalog Number: 31435-1-AP	GenBank Accession Number: BC121799	Purification Method: Antigen affinity Purification
Size: 150ul , Concentration: 350 ug/ml by Nanodrop;	GeneID (NCBI): 2138	Recommended Dilutions: WB 1:500-1:3000
Source: Rabbit	UNIPROT ID: Q99502	
Isotype: IgG	Full Name: eyes absent homolog 1 (Drosophila)	
Immunogen Catalog Number: AG33438	Calculated MW: 592 aa, 65 kDa	
	Observed MW: 65 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : NCCIT cells, mouse kidney tissue, rat kidney tissue
Species Specificity: Human, Mouse, Rat	

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

*** 20ul sizes contain 0.1% BSA

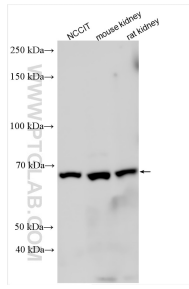
For technical support and original validation data for this product please contact:

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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.