

For Research Use Only

EYA4 Polyclonal antibody

Catalog Number: 24691-1-AP **3 Publications**



Basic Information

Catalog Number: 24691-1-AP	GenBank Accession Number: BC041063	Purification Method: Antigen affinity purification
Size: 550 µg/ml	GeneID (NCBI): 2070	Recommended Dilutions: WB 1:500-1:3000 IHC 1:100-1:400 IF/ICC 1:20-1:200
Source: Rabbit	UNIPROT ID: O95677	
Isotype: IgG	Full Name: eyes absent homolog 4 (Drosophila)	
Immunogen Catalog Number: AG20466	Calculated MW: 639 aa, 70 kDa	
	Observed MW: 67-70 kDa	

Applications

Tested Applications: WB, IHC, IF/ICC, ELISA	Positive Controls: WB : HeLa cells, mouse heart tissue, mouse liver tissue, mouse skeletal muscle tissue, L02 cells, rat liver tissue IHC : human skeletal muscle tissue, IF/ICC : HeLa cells,
Cited Applications: WB, IHC, IF	
Species Specificity: human, mouse, rat	
Cited Species: human, pig	
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

EYA4 (Eyes absent homolog 4) participates directly in the modulation of cellular signaling through its phosphatase activity and plays a role in the embryonic and post-natal development of the mature organs of CORTI. This protein may be involved in the development of the eye. It has 5 isoforms produced by alternative splicing.

Notable Publications

Author	Pubmed ID	Journal	Application
Yanni Lin	39617783	Signal Transduct Target Ther	WB,IHC
Wenjing Yuan	39413538	Theriogenology	IF
Peng Wang	37188880	Cell Res	

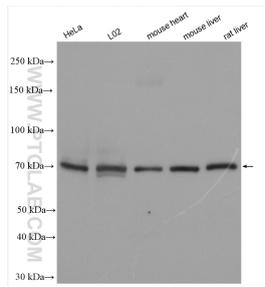
Storage

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:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

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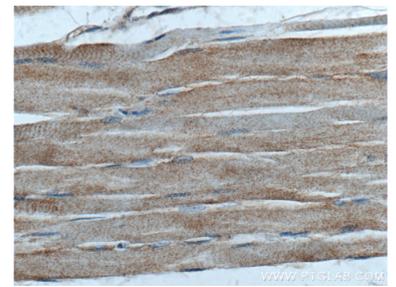
Selected Validation Data



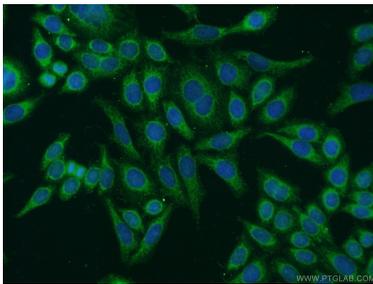
Various lysates were subjected to SDS PAGE followed by western blot with 24691-1-AP (EYA4 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human skeletal muscle tissue slide using 24691-1-AP (EYA4 Antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human skeletal muscle tissue slide using 24691-1-AP (EYA4 Antibody) at dilution of 1:200 (under 40x lens).



Immunofluorescent analysis of HeLa cells using 24691-1-AP (EYA4 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated Goat Anti-Rabbit IgG(H+L).