

For Research Use Only

EYA4 Polyclonal antibody

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



Basic Information

Catalog Number: 24691-1-AP	GenBank Accession Number: BC041063	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 550 µg/ml by Nanodrop and 280 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 2070	Recommended Dilutions: WB 1:500-1:3000 IHC 1:100-1:400 IF 1:20-1:200
Source: Rabbit	Full Name: eyes absent homolog 4 (Drosophila)	
Isotype: IgG	Calculated MW: 639 aa, 70 kDa	
Immunogen Catalog Number: AG20466	Observed MW: 67-70 kDa	

Applications

Tested Applications:

IF, IHC, WB, ELISA

Species Specificity:

human, mouse, rat

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

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 : HeLa cells,

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
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

***** 20ul sizes contain 0.1% BSA**

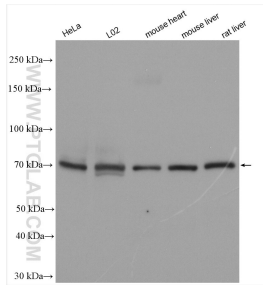
For technical support and original validation data for this product please contact:

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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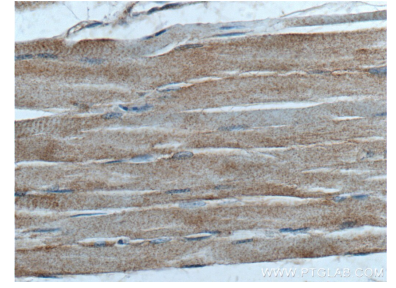
Selected Validation Data



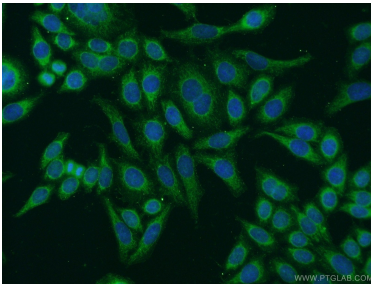
Various lysates were subjected to SDS PAGE followed by western blot with 24691-1-AP (EYA4 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



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 AffiniPure Goat Anti-Rabbit IgG(H+L).