

For Research Use Only

EYA3 Polyclonal antibody, PBS Only

Catalog Number: 21196-1-PBS

Featured Product



Basic Information

Catalog Number:

21196-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG15544

GenBank Accession Number:

BC029500

GeneID (NCBI):

2140

UNIPROT ID:

Q99504

Full Name:

eyes absent homolog 3 (Drosophila)

Calculated MW:

573 aa, 63 kDa

Observed MW:

63-66 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, IHC, IF/ICC, IP, Indirect ELISA

Species Specificity:

human

Background Information

EYA3(Eyes absent homolog 3) belongs to the HAD-like hydrolase superfamily. Its function as histone phosphatase probably explains its role in transcription regulation during organogenesis. EYA3, like EYA1, is expressed in the ninth week of human development and may also underlie developmental defects (PMID:9020840). It has 2 isoforms produced by alternative splicing. This antibody is specific to EYA3.

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS only, pH7.3

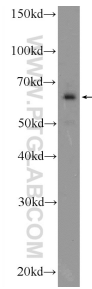
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

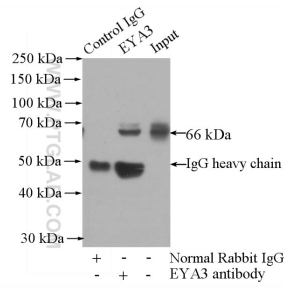
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

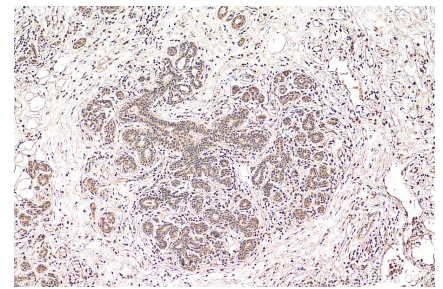
Selected Validation Data



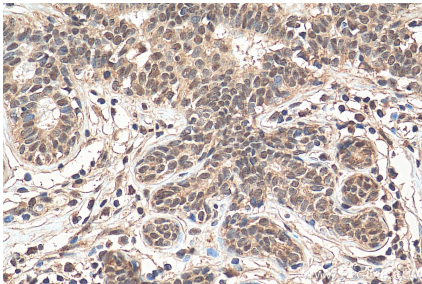
HeLa cells were subjected to SDS PAGE followed by western blot with 21196-1-AP (EYA3 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 21196-1-PBS in a different storage buffer formulation.



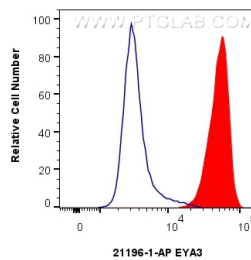
IP result of anti-EYA3 (IP:21196-1-AP, 4ug; Detection:21196-1-AP 1:1000) with L02 cells lysate 1800ug. This data was developed using the same antibody clone with 21196-1-PBS in a different storage buffer formulation.



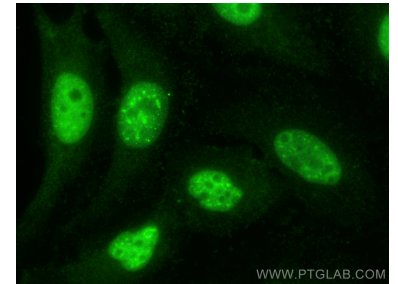
Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 21196-1-AP (EYA3 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 21196-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 21196-1-AP (EYA3 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 21196-1-PBS in a different storage buffer formulation.



1×10^6 A431 cells were intracellularly stained with 0.25 ug EYA3 Polyclonal antibody (21196-1-AP) and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2)(red), or 0.25 ug Rabbit IgG control Rabbit PolyAb (30000-0-AP) (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011). This data was developed using the same antibody clone with 21196-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using EYA3 antibody (21196-1-AP) at dilution of 1:1000 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). This data was developed using the same antibody clone with 21196-1-PBS in a different storage buffer formulation.