

For Research Use Only

# CoraLite® Plus 488-conjugated EYA1 Polyclonal antibody

Catalog Number: CL488-22658

Featured Product



## Basic Information

Catalog Number:

CL488-22658

Size:

100ul, Concentration: 1000 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG18489

GenBank Accession Number:

BC121799

GeneID (NCBI):

2138

UNIPROT ID:

Q99502

Full Name:

eyes absent homolog 1 (Drosophila)

Calculated MW:

592 aa, 65 kDa

Observed MW:

60 kDa, 50 kDa

Purification Method:

Antigen affinity purification

Excitation/Emission maxima wavelengths:

493 nm / 522 nm

## Applications

Tested Applications:

FC (Intra)

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. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

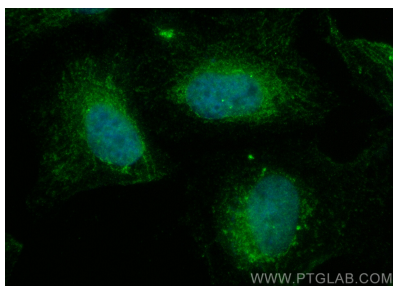
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)

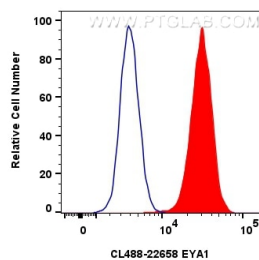
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## Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using Coralite® Plus 488 EYA1 antibody (CL488-22658) at dilution of 1:200.



1x10<sup>6</sup> HeLa cells were intracellularly stained with 0.8 ug Coralite® Plus 488 Eya1 Polyclonal Antibody (CL488-22658)(red), or 0.8 ug Coralite® Plus 488-conjugated Rabbit IgG control Rabbit PolyAb (CL488-30000) (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).