

For Research Use Only

# CoraLite® Plus 488-conjugated AHCYL1 Polyclonal antibody



Catalog Number: CL488-10658

Featured Product

## Basic Information

Catalog Number:

CL488-10658

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG1017

GenBank Accession Number:

BC007576

GeneID (NCBI):

10768

UNIPROT ID:

O43865

Full Name:

S-adenosylhomocysteine hydrolase-like 1

Calculated MW:

65 kDa

Observed MW:

60 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

IF/ICC 1:50-1:500

Excitation/Emission maxima wavelengths:

493 nm / 522 nm

## Applications

Tested Applications:

IF/ICC, FC (Intra)

Species Specificity:

human, mouse, rat

Positive Controls:

IF/ICC : HeLa cells,

## Background Information

S-adenosylhomocysteine hydrolase-like protein 1 (AHCYL1), also known as IP3 receptor-binding protein released with IP3 (IRBIT), regulates IP3-induced Ca<sup>2+</sup> release into the cytoplasm of cells (PMID:23145124). This protein is also named as DCAL, XPVKONA and belongs to the adenosylhomocysteinase family. AHCYL1 mRNA and protein are most abundant in the glandular epithelium of adenocarcinoma of cancerous, but not normal and AHCYL1 protein is predominantly in the nucleus (PMID:22826361). It has 2 isoforms produced by alternative splicing.

## 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:

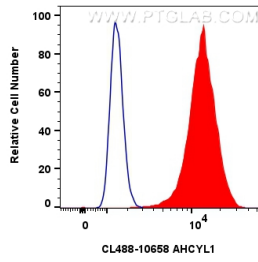
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

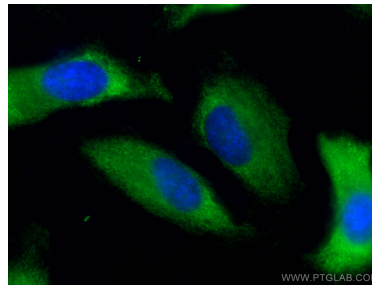
W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



1x10<sup>6</sup> HeLa cells were intracellularly stained with 0.8 ug CoraLite® Plus 488 Ahcyl1 Polyclonal Antibody (CL488-10658)(red), or 0.8 ug CoraLite® Plus 488-conjugated Rabbit IgG control Rabbit PolyAb (CL488-30000) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using CoraLite® Plus 488 AHCYL1 antibody (CL488-10658) at dilution of 1:200.