

For Research Use Only

CoraLite® Plus 488-conjugated HOMER1 Polyclonal antibody



Catalog Number: **CL488-12433**

Featured Product

Basic Information

Catalog Number:

CL488-12433

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG3109

GenBank Accession Number:

BC015502

GeneID (NCBI):

9456

UNIPROT ID:

Q86YM7

Full Name:

homer homolog 1 (Drosophila)

Calculated MW:

40 kDa

Observed MW:

46-48 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 : PC-12 cells,

Background Information

Human HOMER1, also named as SYN47, belongs to the Homer family. Human HOMER1 has some isoforms: HOMER1a, HOMER1b, HOMER1c, HOMER1e and HOMER1h. Mouse Homer1 also named as Vesl-1 and it has some isoforms: Vesl-1l, Vesl-1m, Vesl-1s, Homer1b, and Homer1d. HOMER1 is a postsynaptic density scaffolding protein. It is a neuronal immediate-early gene (IEG) that is enriched at excitatory synapses and binds mGluRs. In WB, the MW of HOMER1 is about 46-50kd, 40-43kd and 20-26kd.

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:

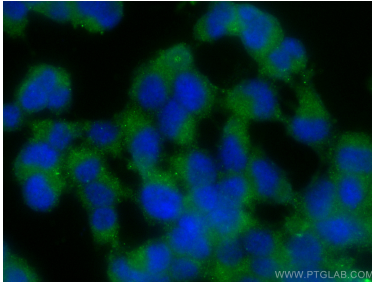
T: 4006900926

E: Proteintech-CN@ptglab.com

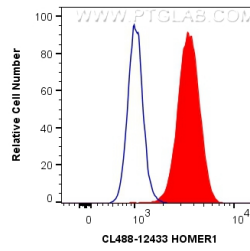
W: ptgcn.com

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

Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol) fixed PC-12 cells using CoralLite® Plus 488 HOMER1 antibody (CL488-12433) at dilution of 1:200.



1X10⁶ SH-SY5Y cells were intracellularly stained with 0.8 ug CoralLite® Plus 488 Anti-Human HOMER1 (CL488-12433) (red), or 0.8 ug Isotype Control. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).