

For Research Use Only

CoraLite® Plus 488-conjugated TAC1 Polyclonal antibody



Catalog Number: **CL488-13839**

Basic Information

Catalog Number:

CL488-13839

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG4790

GenBank Accession Number:

BC018047

GeneID (NCBI):

6863

UNIPROT ID:

P20366

Full Name:

tachykinin, precursor 1

Calculated MW:

129 aa, 15 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

Species Specificity:

human, mouse

Positive Controls:

IF/ICC : PC-12 cells,

Background Information

achykinins are active peptides which excite neurons, evoke behavioral responses, are potent vasodilators and secretagogues, and contract (directly or indirectly) many smooth muscles. TAC1 is an abbreviation for protachykinin 1, a protein that is encoded by the TAC1 gene, which is responsible for 4 products of the tachykinin peptide hormone family: substance P, neurokinin A, and the related peptides, neuropeptideK and neuropeptide (PMID:21453958). This antibody is specific to TAC1.

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:

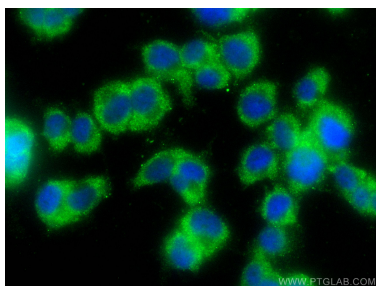
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol) fixed PC-12 cells using CoraLite® Plus 488 TAC1 antibody (CL488-13839) at dilution of 1:200.