

For Research Use Only

CoraLite® Plus 488-conjugated PCP4 Polyclonal antibody



Catalog Number: **CL488-14705**

Basic Information

Catalog Number:

CL488-14705

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG6388

GenBank Accession Number:

BC013791

GeneID (NCBI):

5121

UNIPROT ID:

P48539

Full Name:

Purkinje cell protein 4

Calculated MW:

7 kDa

Observed MW:

8 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

IF-P 1:50-1:500

Excitation/Emission maxima
wavelengths:

493 nm / 522 nm

Applications

Tested Applications:

IF-P

Species Specificity:

human, mouse, rat

Positive Controls:

IF-P : mouse brain tissue,

Background Information

PCP4, also named as PEP19, belongs to a family of proteins involved in calcium transduction signals and binds calmodulin via an IQ motif, in a calcium independent manner. It is mainly expressed in ectoderm and neuroectoderm comprising neural crest derived cells.

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:

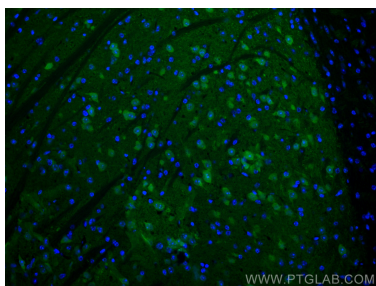
T: 4006900926

E: Proteintech-CN@ptglab.com

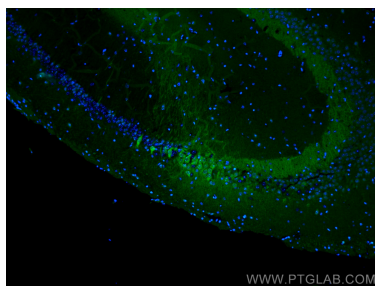
W: ptgcn.com

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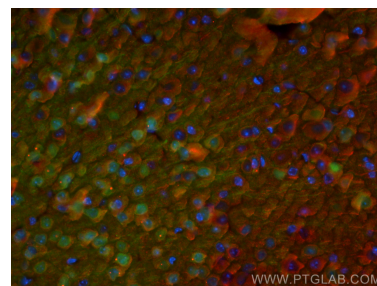
Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using CoraLite® Plus 488 PCP4 antibody (CL488-14705) at dilution of 1:200.



Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using CoraLite® Plus 488 PCP4 antibody (CL488-14705) at dilution of 1:200.



Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using CoraLite® Plus 488 PCP4 antibody (CL488-14705) at dilution of 1:200, ADCY3 antibody (19492-1-AP, red).