

For Research Use Only

CoraLite® Plus 488-conjugated PCP4 Polyclonal antibody

Catalog Number: CL488-14705



Basic Information

Catalog Number:

CL488-14705

GenBank Accession Number:

BC013791

Purification Method:

Antigen affinity purification

Size:

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

GeneID (NCBI):

5121

Recommended Dilutions:

IF-P 1:50-1:500

Source:

Rabbit

UNIPROT ID:

P48539

Excitation/Emission maxima wavelengths:

493 nm / 522 nm

Isotype:

IgG

Full Name:

Purkinje cell protein 4

Immunogen Catalog Number:

AG6388

Calculated MW:

7 kDa

Observed MW:

8 kDa

Applications

Tested Applications:

IF-P

Positive Controls:

IF-P : mouse brain tissue,

Species Specificity:

human, mouse, rat

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

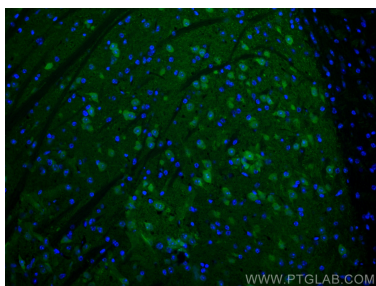
For technical support and original validation data for this product please contact:

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

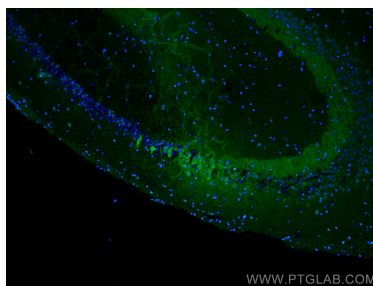
E: proteintech@ptglab.com
W: ptglab.com

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

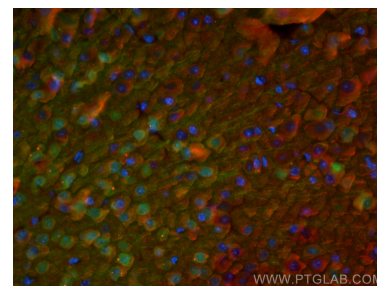
Selected Validation Data



Immunofluorescent analysis of (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).