

For Research Use Only

# CoraLite®594-conjugated PCP4 Polyclonal antibody

Catalog Number:CL594-14705



## Basic Information

### Catalog Number:

CL594-14705

### 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:

588 nm / 604 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

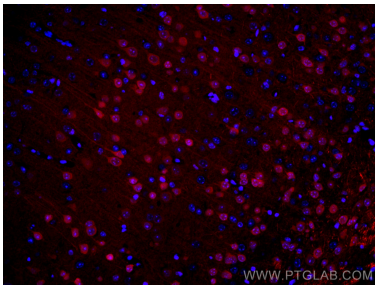
For technical support and original validation data for this product please contact:

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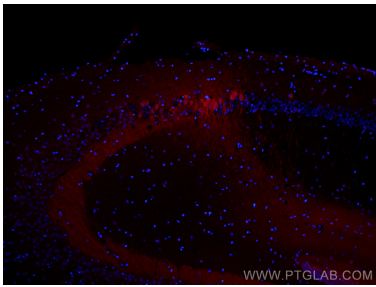
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Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using CoraLite®594 PCP4 antibody (CL594-14705) at dilution of 1:200.



Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using CoraLite®594 PCP4 antibody (CL594-14705) at dilution of 1:200.



Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using CoraLite®594 PCP4 antibody (CL594-14705) at dilution of 1:200, ADCY3 antibody (19492-1-AP, green).