

For Research Use Only

CoraLite® Plus 488-conjugated BRN2 Polyclonal antibody



Catalog Number: CL488-14596

Basic Information

Catalog Number:

CL488-14596

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG6131

GenBank Accession Number:

BC051699

GeneID (NCBI):

5454

UNIPROT ID:

P20265

Full Name:

POU class 3 homeobox 2

Calculated MW:

47 kDa

Observed MW:

47 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

POU3F2 belongs to a large family of transcription factors that bind to the octameric DNA sequence ATGCAAAT. It shares a highly homologous region that referred to as the POU domain. POU3F2 is a Class III POU genes that expressed predominantly in the central nervous system (CNS). It is likely that CNS-specific transcription factors such as these play an important role in mammalian neurogenesis by regulating their diverse patterns of gene expression. POU3F2 is required for maintaining neural cell differentiation and has a role in the production and positioning of neocortical neurons.

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:

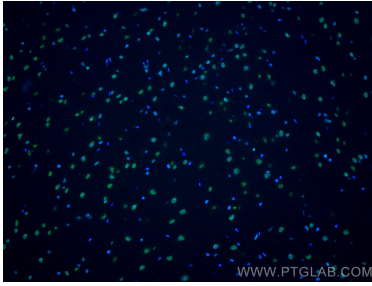
T: 4006900926

E: Proteintech-CN@ptglab.com

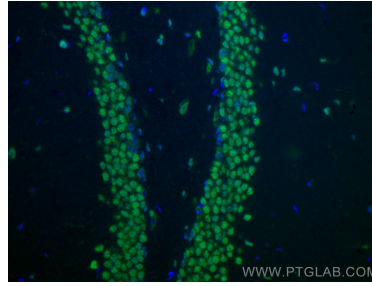
W: ptgcn.com

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Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded mouse brain tissue using CoraLite® Plus 488 BRN2 antibody (CL488-14596) at dilution of 1:200. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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