

For Research Use Only

CoraLite® Plus 488-conjugated CHMP2B Polyclonal antibody

Catalog Number: CL488-12527

Featured Product



Basic Information

Catalog Number:

CL488-12527

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG3222

GenBank Accession Number:

BC001553

GeneID (NCBI):

25978

UNIPROT ID:

Q9UQN3

Full Name:

chromatin modifying protein 2B

Calculated MW:

24 kDa

Observed MW:

32 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, rat

Positive Controls:

IF/ICC : HepG2 cells,

Background Information

CHMP2B, chromatin-modifying protein 2b, also named CHMP2.5, VPS2B, and VPS2 2, belongs to the chromatin-modifying protein / charged multivesicular body protein (CHMP) family. It is a component of the endosomal sorting complex required for transport III (ESCRT-III), which involves in endosomal and autophagic trafficking of proteins to lysosomes for degradation. Mutations of CHMP2B lead to C-terminal truncation or are replaced with mis-splicing C-termini and cause frontotemporal lobar degeneration (FTLD). In CHMP2B mutation patients, p62- and ubiquitin-positive, but TDP-43 and FUS negative neural inclusions are formed, which may be caused by impaired lysosomal degradation through the autophagy and endosome-lysosome pathways.

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:

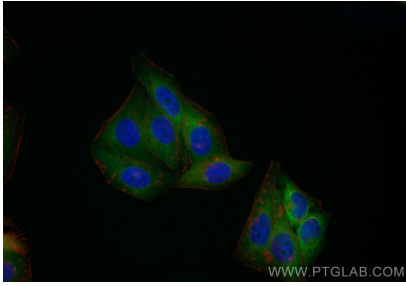
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

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 HepG2 cells using CoraLite® Plus 488 CHMP2B antibody (CL488-12527) at dilution of 1:200.