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CYLN2 Antibody (C-term) Blocking Peptide

Synthetic peptide
Catalog # BP17751b

Specification

CYLN2 Antibody (C-term) Blocking Peptide - Product Information

Primary Accession Q9UDT6

CYLN2 Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 7461

Other Names
CAP-Gly domain-containing linker protein 2, Cytoplasmic linker protein 115, CLIP-115, Cytoplasmic linker protein 2, Williams-Beuren syndrome chromosomal region 3 protein, Williams-Beuren syndrome chromosomal region 4 protein, CLIP2, CYLN2, KIAA0291, WBSCR3, WBSCR4, WSCR4

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

CYLN2 Antibody (C-term) Blocking Peptide - Protein Information

Name CLIP2

Synonyms CYLN2, KIAA0291, WBSCR3, WBSCR4, WSCR4

Function
Seems to link microtubules to dendritic lamellar body (DLB), a membranous organelle predominantly present in bulbous dendritic appendages of neurons linked by dendrodendritic gap junctions. May operate in the control of brain-specific organelle translocations (By similarity).

Cellular Location
Cytoplasm {ECO:0000250|UniProtKB:O55156}. Cytoplasm, cytoskeleton {ECO:0000250|UniProtKB:Q9Z0H8}. Note=Localizes preferentially to the ends of tyrosinated microtubules {ECO:0000250|UniProtKB:Q9Z0H8}

CYLN2 Antibody (C-term) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Blocking Peptides

CYLN2 Antibody (C-term) Blocking Peptide - Images

CYLN2 Antibody (C-term) Blocking Peptide - Background

The protein encoded by this gene belongs to the family ofcytoplasmic linker proteins, which have been proposed to mediatethe interaction between specific membranous organelles andmicrotubules. This protein was found to associate with bothmicrotubules and an organelle called the dendritic lamellar body.This gene is hemizygously deleted in Williams syndrome, amultisystem developmental disorder caused by the deletion ofcontiguous genes at 7q11.23. Alternative splicing of this genegenerates 2 transcript variants.

CYLN2 Antibody (C-term) Blocking Peptide - References

Rose, J. Phd, et al. Mol. Med. (2010) In press :Olsen, J.V., et al. Cell 127(3):635-648(2006)Olsen, J.V., et al. Cell 127(3):635-648(2006)Cheng, J., et al. Science 308(5725):1149-1154(2005)Evgrafov, O.V., et al. Nat. Genet. 36(6):602-606(2004)