

SEPT11 Antibody (Center) Blocking Peptide

Synthetic peptide Catalog # BP16837c

Specification

SEPT11 Antibody (Center) Blocking Peptide - Product Information

Primary Accession

Q9NVA2

SEPT11 Antibody (Center) Blocking Peptide - Additional Information

Gene ID 55752

Other Names

Septin-11, SEPT11

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.

SEPT11 Antibody (Center) Blocking Peptide - Protein Information

Name SEPTIN11 (HGNC:25589)

Synonyms SEPT11

Function

Filament-forming cytoskeletal GTPase. May play a role in cytokinesis (Potential). May play a role in the cytoarchitecture of neurons, including dendritic arborization and dendritic spines, and in GABAergic synaptic connectivity (By similarity). During Listeria monocytogenes infection, not required for the bacterial entry process, but restricts its efficacy.

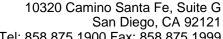
Cellular Location

Cytoplasm, cytoskeleton. Synapse. Cell projection, dendritic spine. Cell projection, axon Note=Partly colocalizes with stress fibers and microtubules. During bacterial infection, displays a collar shape structure next to actin at the pole of invading bacteria

Tissue Location

Widely expressed, except in leukocytes.

SEPT11 Antibody (Center) Blocking Peptide - Protocols





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

• Blocking Peptides

SEPT11 Antibody (Center) Blocking Peptide - Images

SEPT11 Antibody (Center) Blocking Peptide - Background

SEPT11 belongs to the conserved septin family offilament-forming cytoskeletal GTPases that are involved in avariety of cellular functions including cytokinesis and vesicletrafficking (Hanai et al., 2004 [PubMed 15196925]; Nagata et al., 2004 [PubMed 15485874]).

SEPT11 Antibody (Center) Blocking Peptide - References

Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :Huang, G.L., et al. World J. Gastroenterol. 16(16):2046-2054(2010)Mostowy, S., et al. J. Biol. Chem. 284(17):11613-11621(2009)Ding, X., et al. Mol. Cells 25(3):385-389(2008)Xin, X., et al. J. Histochem. Cytochem. 55(11):1089-1094(2007)