

SEPT11 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP16837c**Specification**

SEPT11 Antibody (Center) Blocking Peptide - Product InformationPrimary 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

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)