

SYAP1 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP17291b**Specification**

SYAP1 Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [Q96A49](#)**SYAP1 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 94056**Other Names**

Synapse-associated protein 1, SYAP1

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.

SYAP1 Antibody (C-term) Blocking Peptide - Protein Information**Name** SYAP1 ([HGNC:16273](#))**Function**

Plays a role in adipocyte differentiation by promoting mTORC2-mediated phosphorylation of AKT1 at 'Ser-473' after growth factor stimulation (PubMed:23300339).

Cellular Location

Cytoplasm, perinuclear region {ECO:0000250|UniProtKB:Q9D5V6}. Golgi apparatus {ECO:0000250|UniProtKB:Q9D5V6}. Perikaryon {ECO:0000250|UniProtKB:Q9D5V6}. Cell projection, axon {ECO:0000250|UniProtKB:Q9D5V6}. Cell projection, dendrite {ECO:0000250|UniProtKB:Q9D5V6}. Cell projection, growth cone {ECO:0000250|UniProtKB:Q9D5V6}. Presynaptic cell membrane {ECO:0000250|UniProtKB:Q9D5V6}. Postsynaptic cell membrane {ECO:0000250|UniProtKB:Q9D5V6}. Membrane Note=Localizes to cholinergic neuromuscular junctions and in actin-rich growth cone regions (By similarity). Membrane-associated in a epidermal growth factor (EGF)-dependent manner (PubMed:23300339) {ECO:0000250|UniProtKB:Q9D5V6, ECO:0000269|PubMed:23300339}

Tissue Location

Expressed in heart, placenta, lung, liver, skeletal muscle, kidney and pancreas

(PubMed:23300339)

SYAP1 Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

SYAP1 Antibody (C-term) Blocking Peptide - Images

SYAP1 Antibody (C-term) Blocking Peptide - Background

Synapse-associated protein 1 is a protein that in humans is encoded by the SYAP1 gene.

SYAP1 Antibody (C-term) Blocking Peptide - References

Olsen, J.V., et al. Cell 127(3):635-648(2006)Olsen, J.V., et al. Cell 127(3):635-648(2006)Beausoleil, S.A., et al. Nat. Biotechnol. 24(10):1285-1292(2006)Beausoleil, S.A., et al. Proc. Natl. Acad. Sci. U.S.A. 101(33):12130-12135(2004)Beausoleil, S.A., et al. Proc. Natl. Acad. Sci. U.S.A. 101(33):12130-12135(2004)