10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

AP3S1 Antibody (N-term) Blocking Peptide

Synthetic peptide
Catalog # BP10499a

Specification

AP3S1 Antibody (N-term) Blocking Peptide - Product Information

Primary Accession	Q92572
Other Accession	NP_001275.1

AP3S1 Antibody (N-term) Blocking Peptide - Additional Information

Gene ID 1176

Other Names
AP-3 complex subunit sigma-1, AP-3 complex subunit sigma-3A, Adaptor-related protein complex 3 subunit sigma-1, Clathrin-associated/assembly/adaptor protein, small 3, Sigma-3A-adaptin, Sigma3A-adaptin, Sigma-adaptin 3a, AP3S1, CLAPS3

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.

AP3S1 Antibody (N-term) Blocking Peptide - Protein Information

Name AP3S1

Synonyms CLAPS3

Function
Part of the AP-3 complex, an adaptor-related complex which is not clathrin-associated. The complex is associated with the Golgi region as well as more peripheral structures. It facilitates the budding of vesicles from the Golgi membrane and may be directly involved in trafficking to lysosomes. In concert with the BLOC-1 complex, AP-3 is required to target cargos into vesicles assembled at cell bodies for delivery into neurites and nerve terminals.

Cellular Location
Golgi apparatus. Cytoplasmic vesicle membrane; Peripheral membrane protein; Cytoplasmic side. Note=Component of the coat surrounding the cytoplasmic face of coated vesicles located at the Golgi complex

Tissue Location
Present in all adult tissues examined.

10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

AP3S1 Antibody (N-term) Blocking Peptide - Protocols

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

- Blocking Peptides

AP3S1 Antibody (N-term) Blocking Peptide - Images

AP3S1 Antibody (N-term) Blocking Peptide - Background

Part of the AP-3 complex, an adapter-related complex which is not clathrin-associated. The complex is associated with the Golgi region as well as more peripheral structures. It facilitates the budding of vesicles from the Golgi membrane and may be directly involved in trafficking to lysosomes.

AP3S1 Antibody (N-term) Blocking Peptide - References

Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :Zhou, J.B., et al. Med. Sci. Monit. 16 (6), BR179-BR183 (2010) :Lefrancois, S., et al. Dev. Cell 7(4):619-625(2004)Salazar, G., et al. Mol. Biol. Cell 15(2):575-587(2004)Nie, Z., et al. Dev. Cell 5(3):513-521(2003)