

## **AP1S1 Antibody (N-Term) Blocking Peptide**

Synthetic peptide  
Catalog # BP5009a

### **Specification**

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#### **AP1S1 Antibody (N-Term) Blocking Peptide - Product Information**

Primary Accession [P61966](#)

#### **AP1S1 Antibody (N-Term) Blocking Peptide - Additional Information**

Gene ID 1174

##### **Other Names**

AP-1 complex subunit sigma-1A, Adaptor protein complex AP-1 subunit sigma-1A, Adaptor-related protein complex 1 subunit sigma-1A, Clathrin assembly protein complex 1 sigma-1A small chain, Clathrin coat assembly protein AP19, Golgi adaptor HA1/AP1 adaptin sigma-1A subunit, HA1 19 kDa subunit, Sigma 1a subunit of AP-1 clathrin, Sigma-adaptin 1A, Sigma1A-adaptin, AP1S1, AP19, CLAPS1

##### **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.

#### **AP1S1 Antibody (N-Term) Blocking Peptide - Protein Information**

Name AP1S1

Synonyms AP19, CLAPS1

##### **Function**

Subunit of clathrin-associated adaptor protein complex 1 that plays a role in protein sorting in the late-Golgi/trans-Golgi network (TGN) and/or endosomes. The AP complexes mediate both the recruitment of clathrin to membranes and the recognition of sorting signals within the cytosolic tails of transmembrane cargo molecules.

##### **Cellular Location**

Golgi apparatus. Cytoplasmic vesicle membrane; Peripheral membrane protein; Cytoplasmic side. Membrane, clathrin-coated pit. Note=Component of the coat surrounding the cytoplasmic face of coated vesicles located at the Golgi complex

##### **Tissue Location**

Widely expressed..

### **AP1S1 Antibody (N-Term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

### **AP1S1 Antibody (N-Term) Blocking Peptide - Images**

### **AP1S1 Antibody (N-Term) Blocking Peptide - Background**

AP1S1 is part of the clathrin coat assembly complex which links clathrin to receptors in coated vesicles. These vesicles are involved in endocytosis and Golgi processing. This protein, as well as beta-prime-adaptin, gamma-adaptin, and the medium ( $\mu$ ) chain AP47, form the AP-1 assembly protein complex located at the Golgi vesicle.

### **AP1S1 Antibody (N-Term) Blocking Peptide - References**

Montpetit, A., et al. PLoS Genet. 4 (12), E1000296 (2008) Ewing, R.M., et al. Mol. Syst. Biol. 3, 89 (2007) Leong, W.F., et al. Cell. Microbiol. 8(4):565-580(2006)