

**STX3 Antibody (Center) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP2818c****Specification**

---

**STX3 Antibody (Center) Blocking Peptide - Product Information**Primary Accession [Q13277](#)**STX3 Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 6809**Other Names**

Syntaxin-3, STX3, STX3A

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody [AP2818c](/products/AP2818c) was selected from the Center region of human STX3. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

**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.

**STX3 Antibody (Center) Blocking Peptide - Protein Information****Name** STX3**Synonyms** STX3A**Function**

Potentially involved in docking of synaptic vesicles at presynaptic active zones. Apical receptor involved in membrane fusion of apical vesicles.

**Cellular Location**

[Isoform A]: Apical cell membrane; Single-pass type IV membrane protein. Note=Localized to the inner and outer plexiform layers, the cell body and the inner segments of photoreceptors {ECO:0000250|UniProtKB:Q64704}

**Tissue Location**

[Isoform A]: Expressed in small intestine, kidney, pancreas, placenta as well as in retina. Weaker

expression in lung, liver and heart. Not expressed in brain and skeletal muscle [Isoform 3]:  
Ubiquitously expressed.

### **STX3 Antibody (Center) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

### **STX3 Antibody (Center) Blocking Peptide - Images**

### **STX3 Antibody (Center) Blocking Peptide - Background**

STX3 is otentially involved in docking of synaptic vesicles at presynaptic active zones.

### **STX3 Antibody (Center) Blocking Peptide - References**

Darios,F., Nature 440 (7085), 813-817 (2006)Low,S.H., Mol. Biol. Cell 17 (2), 977-989  
(2006)Morgans,C.W., J. Neurosci. 16 (21), 6713-6721 (1996)