

**SYUG Antibody (C-term) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP11775b****Specification**

---

**SYUG Antibody (C-term) Blocking peptide - Product Information**

Primary Accession [O76070](#)  
Other Accession [NP\\_003078.2](#)

**SYUG Antibody (C-term) Blocking peptide - Additional Information**

**Gene ID** 6623

**Other Names**

Gamma-synuclein, Breast cancer-specific gene 1 protein, Persyn, Synoretin, SR, SNCG, BCSG1, PERSYN, PRSN

**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.

**SYUG Antibody (C-term) Blocking peptide - Protein Information**

**Name** SNCG

**Synonyms** BCSG1, PERSYN, PRSN

**Function**

Plays a role in neurofilament network integrity. May be involved in modulating axonal architecture during development and in the adult. In vitro, increases the susceptibility of neurofilament-H to calcium-dependent proteases (By similarity). May also function in modulating the keratin network in skin. Activates the MAPK and Elk-1 signal transduction pathway (By similarity).

**Cellular Location**

Cytoplasm, perinuclear region. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome. Cytoplasm, cytoskeleton, spindle. Note=Associated with centrosomes in several interphase cells. In mitotic cells, localized to the poles of the spindle

**Tissue Location**

Highly expressed in brain, particularly in the substantia nigra. Also expressed in the corpus callosum, heart, skeletal muscle, ovary, testis, colon and spleen. Weak expression in pancreas, kidney and lung

**SYUG Antibody (C-term) Blocking peptide - Protocols**

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

- [Blocking Peptides](#)

**SYUG Antibody (C-term) Blocking peptide - Images****SYUG Antibody (C-term) Blocking peptide - Background**

Major glycoprotein component of a variety of mucus gels. Thought to provide a protective, lubricating barrier against particles and infectious agents at mucosal surfaces (By similarity).

**SYUG Antibody (C-term) Blocking peptide - References**

Li, M., et al. J. Biol. Chem. 285(40):30480-30488(2010)Nishioka, K., et al. Arch. Neurol. 67(8):970-975(2010)Ye, Q., et al. Oncol. Rep. 23(2):429-436(2010)Ye, Q., et al. World J. Gastroenterol. 15(40):5035-5043(2009)Hu, H., et al. Clin. Cancer Res. 15(17):5485-5493(2009)