

**SAMSN1 Antibody (Center) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP5877c****Specification**

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**SAMSN1 Antibody (Center) Blocking peptide - Product Information**

Primary Accession [O9NSI8](#)  
Other Accession [NP\\_071419.3](#)

**SAMSN1 Antibody (Center) Blocking peptide - Additional Information**

**Gene ID** 64092

**Other Names**

SAM domain-containing protein SAMSN-1, Hematopoietic adaptor containing SH3 and SAM domains 1, Nash1, SAM domain, SH3 domain and nuclear localization signals protein 1, SH3-SAM adaptor protein, SAMSN1, HACSI

**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.

**SAMSN1 Antibody (Center) Blocking peptide - Protein Information**

**Name** SAMSN1

**Synonyms** HACSI

**Function**

Negative regulator of B-cell activation. Down-regulates cell proliferation (in vitro). Promotes RAC1-dependent membrane ruffle formation and reorganization of the actin cytoskeleton. Regulates cell spreading and cell polarization. Stimulates HDAC1 activity. Regulates LYN activity by modulating its tyrosine phosphorylation (By similarity).

**Cellular Location**

Nucleus. Cytoplasm. Cell projection, ruffle. Note=Shuttles between cytoplasm and nucleus. Colocalizes with the actin cytoskeleton and actin-rich membrane ruffles (By similarity).

**Tissue Location**

Detected in peripheral blood B-cells (at protein level). Detected in spleen, liver and peripheral blood

**SAMSN1 Antibody (Center) Blocking peptide - Protocols**

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

- [Blocking Peptides](#)

**SAMSN1 Antibody (Center) Blocking peptide - Images**