

SPINT2 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP19268b**Specification**

SPINT2 Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [O43291](#)**SPINT2 Antibody (C-term) Blocking Peptide - Additional Information**

Gene ID 10653

Other Names

Kunitz-type protease inhibitor 2, Hepatocyte growth factor activator inhibitor type 2, HAI-2, Placental bikunin, SPINT2, HAI2, KOP

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.

SPINT2 Antibody (C-term) Blocking Peptide - Protein Information**Name** SPINT2**Synonyms** HAI2, KOP**Function**

Inhibitor of HGFAC (PubMed:9346890). Also inhibits plasmin, and plasma and tissue kallikrein (PubMed:9115294). Inhibits serine protease activity of TMPRSS13 (PubMed:20977675, PubMed:28710277). Inhibits serine protease activity of ST14/matriptase in vitro (PubMed:28710277).

Cellular Location

Cell membrane; Single-pass type I membrane protein. Cytoplasm

Tissue Location

Expressed in placenta, kidney, pancreas, prostate, testis, thymus, and trachea.

SPINT2 Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

SPINT2 Antibody (C-term) Blocking Peptide - Images

SPINT2 Antibody (C-term) Blocking Peptide - Background

This gene encodes a transmembrane protein with two extracellular Kunitz domains that inhibits a variety of serine proteases. The protein inhibits HGF activator which prevents the formation of active hepatocyte growth factor. This gene is a putative tumor suppressor, and mutations in this gene result in congenital sodium diarrhea. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq].

SPINT2 Antibody (C-term) Blocking Peptide - References

Dong, W., et al. Int. J. Cancer 127(7):1526-1534(2010) Bergum, C., et al. Prostate 70(13):1422-1428(2010) Sivagnanam, M., et al. Clin. Dysmorphol. 19 (1), 48 (2010) :Yamauchi, M., et al. Biol. Chem. 383(12):1953-1957(2002) Itoh, H., et al. Eur. J. Biochem. 267(11):3351-3359(2000)