

SPINT1 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP16020c**Specification**

SPINT1 Antibody (Center) Blocking Peptide - Product Information

Primary Accession [O43278](#)

SPINT1 Antibody (Center) Blocking Peptide - Additional Information

Gene ID 6692

Other Names

Kunitz-type protease inhibitor 1, Hepatocyte growth factor activator inhibitor type 1, HAI-1, SPINT1, HAI1

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.

SPINT1 Antibody (Center) Blocking Peptide - Protein Information

Name SPINT1

Synonyms HAI1

Function

Inhibitor of HGFAC (PubMed:9045658). Inhibits serine protease activity of ST14/matrilysin in vitro (PubMed:28710277). Inhibits serine protease activity of TMPRSS13, via the BPTI/Kunitz inhibitor 1 domain (PubMed:20977675).

Cellular Location

Secreted. Cytoplasm. Cell membrane

SPINT1 Antibody (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

SPINT1 Antibody (Center) Blocking Peptide - Images

SPINT1 Antibody (Center) Blocking Peptide - Background

The protein encoded by this gene is a member of the Kunitzfamily of serine protease inhibitors. The protein is a potentinhibitor specific for HGF activator and is thought to be involvedin the regulation of the proteolytic activation of HGF in injuredtissues. Alternative splicing results in multiple variants encodingdifferent isoforms.

SPINT1 Antibody (Center) Blocking Peptide - References

Chen, Y.W., et al. J. Biol. Chem. 285(41):31755-31762(2010)Kauppinen, J.M., et al. Cancer Epidemiol. Biomarkers Prev. 19(9):2133-2142(2010)Nakamura, K., et al. Int. J. Oncol. 35(2):239-248(2009)Wang, J.K., et al. Am. J. Physiol., Cell Physiol. 297 (2), C459-C470 (2009)
:Cheng, H., et al. Cancer Res. 69(5):1828-1835(2009)