

SPINT2 Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP19268b

Specification

SPINT2 Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	O43291
Other Accession	NP_066925.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	28228
Antigen Region	222-251

SPINT2 Antibody (C-term) - 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

Target/Specificity

This SPINT2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 222-251 amino acids from the C-terminal region of human SPINT2.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

SPINT2 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

SPINT2 Antibody (C-term) - 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 and PRSS8/prostasin in vitro (PubMed:[28710277](#), PubMed:[30445423](#)).

Cellular Location

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

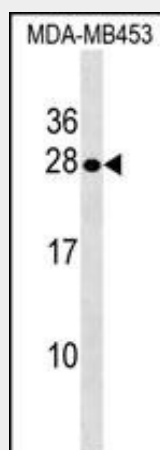
Tissue Location

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

SPINT2 Antibody (C-term) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

SPINT2 Antibody (C-term) - Images

SPINT2 Antibody (C-term)(Cat. #AP19268b) western blot analysis in MDA-MB453 cell line lysates (35ug/lane). This demonstrates the SPINT2 antibody detected the SPINT2 protein (arrow).

SPINT2 Antibody (C-term) - 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) - 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)