

SPINT2 Antibody (C-Term)
Peptide-affinity purified goat antibody
Catalog # AF3289a**Specification**

SPINT2 Antibody (C-Term) - Product Information

Application	WB, E
Primary Accession	O43291
Other Accession	NP_066925.1 , NP_001159575.1 , 10653 , 20733 (mouse), 292770 (rat)
Reactivity	Human
Predicted	Mouse, Rat, Dog
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	28228

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**Dilution**

WB~~1:1000

E~~N/A

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. 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

AF3289a (1 µg/ml) staining of Human Placenta lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

SPINT2 Antibody (C-Term) - Background

This antibody is expected to recognize both reported isoforms (NP_066925.1;

NP_001159575.1).

SPINT2 Antibody (C-Term) - References

Case of syndromic tufting enteropathy harbors SPINT2 mutation seen in congenital sodium diarrhea. Sivagnanam M, Janecke AR, MÃ¼ller T, Heinz-Erian P, Taylor S, Bird LM, Clinical dysmorphology 2010 Jan 19 (1): 48. PMID: 20009592