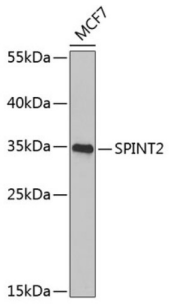
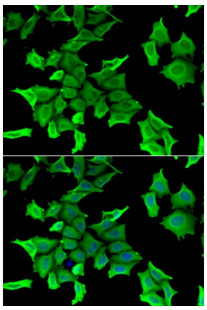
Serine Peptidase Inhibitor Kunitz Type 2 (SPINT2) Antibody

Catalogue No.:abx005176



Western blot analysis of lysates from MCF-7 cells, using SPINT2 Antibody at 1/1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1/10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Exposure time: 10s.



Immunofluorescence analysis of HeLa cells using SPINT2 Antibody. Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1/500 dilution. Blue: DAPI for nuclear staining.

SPINT2 Antibody is a Rabbit Polyclonal antibody against SPINT2. 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.

Target:	Serine Peptidase Inhibitor Kunitz Type 2 (SPINT2)
Clonality:	Polyclonal
Reactivity:	Human
Tested Applications:	ELISA, WB, IF/ICC
Host:	Rabbit
Recommended dilutions:	ELISA: 1 µg/ml, WB: 1/500 - 1/2000, IF/ICC: 1/50 - 1/100. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Recombinant protein corresponding to SPINT2. The exact sequence is proprietary.
Isotype:	IgG
Form:	Liquid

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Purification:	Purified by affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	O43291 (UniProt, ExPASy)
Gene Symbol:	SPINT2
GeneID:	10653
NCBI Accession:	NP_066925.1
KEGG:	hsa:10653
String:	9606.ENSP00000301244
Molecular Weight:	Calculated MW: 28 kDa Observed MW: 34 kDa
Buffer:	PBS, pH 7.3, containing 0.02% sodium azide, 50% glycerol.
Concentration:	> 0.2 mg/ml
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

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