

Rabbit anti-Human HAI-2/SPINT2 Polyclonal Antibody | anti-SPINT2 antibody

Anti-HAI-2/SPINT2 Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA254827	Rabbit	Human	Immunofluorescence, Immunocytochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

HAI-2/SPINT2; Polyclonal Antibody; Anti-HAI-2/SPINT2 Antibody; Rabbit Polyclonal; SPINT2/Placental bikunin Antibody; Rabbit PAb; Antigen Affinity Purified; serine peptidase inhibitor; Kunitz type; 2; Anti-DIAR3 Antibody; Anti-HAI-2 Antibody; Anti-HAI2 Antibody; Anti-Kop Antibody; Anti-PB Antibody; anti-SPINT2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human SPINT2/Placental bikunin
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-SPINT2 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), ELISA, WB (Western Blot)
Immunogen	Recombinant Human SPINT2/Placental bikunin Protein
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with purified, recombinant Human SPINT2/Placental bikunin (rh SPINT2/Placental bikunin). SPINT2/Placental bikunin specific IgG was purified by Human SPINT2/Placental bikunin affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescence staining of SPINT2-His in MCF7 cells. Cells were fixed with 4% PFA, permeabilized with 0.3% Triton X-100 in PBS, blocked with 10% serum, and incubated with rabbit anti-human SPINT2-His polyclonal antibody (dilution ratio 1:1000) at 4 degree C overnight. Then cells were stained with the Alexa Fluor488-conjugated Goat Anti-rabbit IgG secondary antibody (green) and counterstained with DAPI (blue). Positive staining was localized to cytoplasm.



WB (Western Blot)

Anti-SPINT2 rabbit polyclonal antibody at 1:500 dilution Lane A: MCF7 Whole Cell Lysate Lane B: Caco2 Whole Cell Lysate Lysates/proteins at 30 ug per lane. Secondary Goat Anti-Rabbit IgG H&L (Dylight 800) at 1/10000 dilution. Developed using the Odyssey technique. Performed under reducing conditions. Predicted band size: 28 kDa Observed band size: 34 kDa (We are unsure as to the identity of these extra bands).

ADDITIONAL INFORMATION

Related Product Information for anti-SPINT2 antibody	Choanal (CA) and gastrointestinal atresias (GA) are an important feature of syndromic congenital sodium diarrhea (sCSD), a disorder recently associated with mutations in the gene for serine protease inhibitor type 2 (SPINT2). The SPINT2 gene is epigenetically silenced or downregulated in human cancers, altering the balance of HGF activation/inhibition ratio, which contributes to cancer development and progression. SPINT2 is a tumor suppressor gene that inhibits proteases implicated in cancer progression, like HGFA, hepsin and matriptase. Loss of SPINT2 expression in tumors has been associated with gene promoter hypermethylation. SPINT2 (serine peptidase inhibitor Kunitz type 2), a proteolytic inhibitor of hepatocyte growth factor activator (HGFA), has a significant role in the suppression of the HGF-MET pathway and malignant melanoma progression.
Product Categories/Family for anti-SPINT2 antibody	Serine Proteases and Regulators

NCBI AND UNIPROT INFORMATION

NCBI GI #	10863909
NCBI GeneID	10653
NCBI Accession #	NP_066925.1
NCBI GenBank Nucleotide #	NM_021102.3
UniProt Accession #	O43291; O00271; O14895; Q5TZQ3; Q969E0; A8K667; B4DLU1
Molecular Weight	21,828 Da
NCBI Official Full Name	kunitz-type protease inhibitor 2 isoform a
NCBI Official Synonym Full Names	serine peptidase inhibitor, Kunitz type, 2
NCBI Official Symbol	SPINT2
NCBI Official Synonym Symbols	PB; Kop; HAI2; DIAR3; HAI-2
NCBI Protein Information	kunitz-type protease inhibitor 2; placental bikunin; serine protease inhibitor, Kunitz type, 2; hepatocyte growth factor activator inhibitor type 2
UniProt Protein Name	Kunitz-type protease inhibitor 2
UniProt Gene Name	SPINT2
UniProt Synonym Gene Names	HAI2; KOP; HAI-2
UniProt Entry Name	SPIT2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/hai-2-spint2-antibody-immunofluorescence-immunocytochemistry-western-blot-elisa/254827>