

Rabbit SPINK1 Polyclonal Antibody | anti-SPINK1 antibody

SPINK1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA326020	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

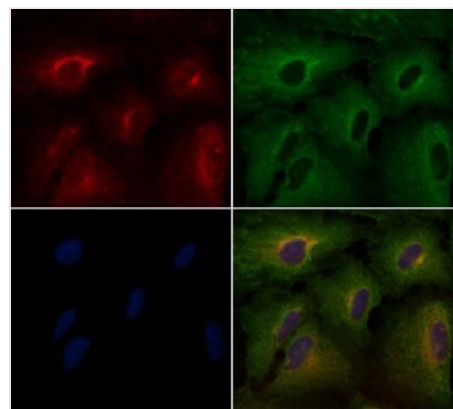
PRODUCT SYNONYMS

SPINK1; Polyclonal Antibody; SPINK1 Antibody; ISK1_HUMAN; Pancreatic secretory trypsin inhibitor; Pancreatic serine protease inhibitor Kazal; PCTT; PSTI; Serine protease inhibitor Kazal type 1; Serine protease inhibitor Kazal-type 1; Spink 3; Spink3; TaTI; TCP; Tumor associated trypsin inhibitor; Tumor-associated trypsin inhibitor; anti-SPINK1 antibody

PRODUCT SPECIFICATIONS

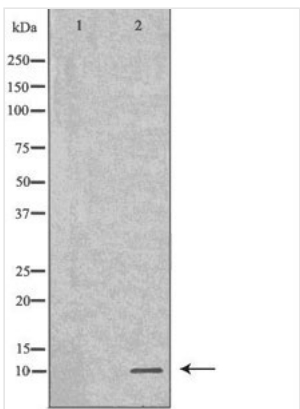
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	SPINK1 antibody detects endogenous levels of total SPINK1
Purity/Purification	Peptide affinity purification
Form/Format	Liquid; Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	79
Applicable Applications for anti-SPINK1 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human SPINK1, corresponding to a region within the internal amino acids.
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



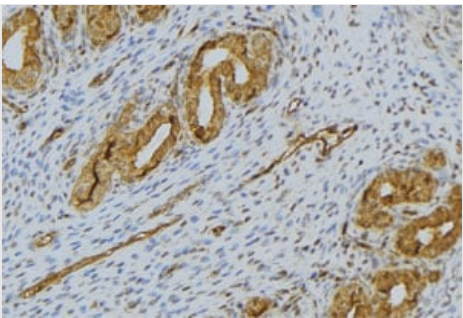
IF (Immunofluorescence)

AAA326020 staining A549 cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab(AAA326020) and mouse anti-beta tubulin Ab for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(Green) were used as the secondary antibody.



WB (Western Blot)

Western blot analysis of extracts from 293, using SPINK1 Ab. Lane 1 was treated with the blocking peptide.



IHC (Immunohistochemistry)

AAA326020 at 1/100 staining Human uterus tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-SPINK1 antibody	Description: The protein encoded by this gene is a trypsin inhibitor, which is secreted from pancreatic acinar cells into pancreatic juice. It is thought to function in the prevention of trypsin-catalyzed premature activation of zymogens within the pancreas and the pancreatic duct. Mutations in this gene are associated with hereditary pancreatitis and tropical calcific pancreatitis. [provided by RefSeq, Oct 2008] Function: Serine protease inhibitor which exhibits anti-trypsin activity (PubMed:7142173). In the pancreas, protects against trypsin-catalyzed premature activation of zymogens (By similarity).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	45505132
NCBI GeneID	6690
NCBI Accession #	NP_003113.2
NCBI GenBank Nucleotide #	NM_003122.4
UniProt Accession #	P00995
Molecular Weight	9 kDa
NCBI Official Full Name	serine protease inhibitor Kazal-type 1

NCBI Official Synonym Full Names	serine peptidase inhibitor, Kazal type 1
NCBI Official Symbol	SPINK1
NCBI Official Synonym Symbols	TCP; PCTT; PSTI; TATI; Spink3
NCBI Protein Information	serine protease inhibitor Kazal-type 1
UniProt Protein Name	Serine protease inhibitor Kazal-type 1
UniProt Gene Name	SPINK1
UniProt Synonym Gene Names	PSTI; TATI

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/spink1-antibody-immunohistochemistry-western-blot-elisa/326020>