

Rabbit anti-Human, Mouse MBTPS1 Polyclonal Antibody | anti-MBTPS1 antibody

MBTPS1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA232250	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot, ELISA

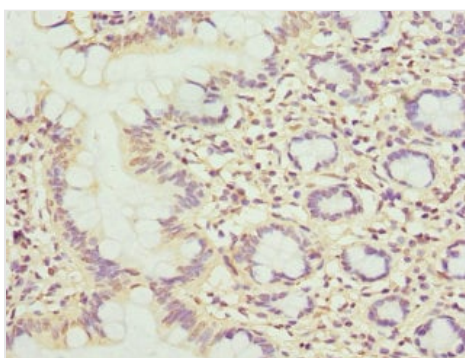
PRODUCT SYNONYMS

MBTPS1; Polyclonal Antibody; MBTPS1 Antibody; Membrane-bound transcription factor site-1 protease; Endopeptidase S1P; Subtilisin/kexin-isozyme 1; SKI-1; KIAA0091; S1P; SKI1; anti-MBTPS1 antibody

PRODUCT SPECIFICATIONS

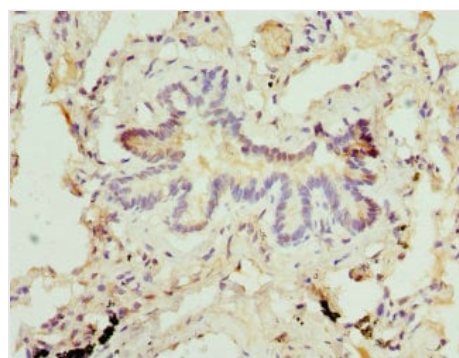
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid
Sequence Length	1052
Applicable Applications for anti-MBTPS1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Species	Human
Immunogen	Recombinant human Membrane-bound transcription factor site-1 protease protein (C-250AA)
Conjugate	Non-conjugated
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-9785 / sc-9786 / sc-20757
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



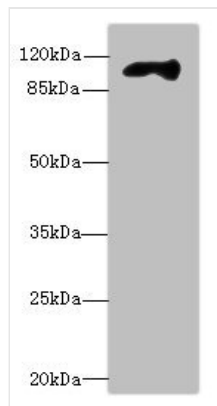
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human small intestine using AAA232250 at dilution 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human lung tissue using AAA232250 at dilution 1:100



WB (Western Blot)

Western blotAll lanes: MBTPS1antibody at 4.06ug/ml+ Mouse kidney tissueGoat polyclonal to rabbit at 1/10000 dilutionPredicted band size: 118 kDaObserved band size: 118 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-MBTPS1 antibody	Serine protease that catalyzes the first step in the proteolytic activation of the sterol regulatory element-binding proteins (SREBPs). Other known substrates are BDNF, GNPTAB and ATF6. Cleaves after hydrophobic or small residues, provided that Arg or Lys is in position P4. Cleaves known substrates after Arg-Ser-Val-Leu (SERBP-2), Arg-His-Leu-Leu (ATF6), Arg-Gly-Leu-Thr (BDNF) and its own propeptide after Arg-Arg-Leu-Leu. Mediates the protein cleavage of GNPTAB into subunit alpha and beta, thereby participating in biogenesis of lysosomes.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4506775
NCBI GeneID	8720
NCBI Accession #	NP_003782.1
NCBI GenBank Nucleotide #	NM_003791.3
UniProt Accession #	Q14703; Q24JQ2; Q9UF67; A8K6V8
Molecular Weight	117,749 Da
NCBI Official Full Name	membrane-bound transcription factor site-1 protease preproprotein
NCBI Official Synonym Full Names	membrane bound transcription factor peptidase, site 1
NCBI Official Symbol	MBTPS1
NCBI Official Synonym Symbols	S1P; PCSK8; SKI-1
NCBI Protein Information	membrane-bound transcription factor site-1 protease
UniProt Protein Name	Membrane-bound transcription factor site-1 protease
UniProt Gene Name	MBTPS1
UniProt Synonym Gene Names	KIAA0091; S1P; SKI1; SKI-1
UniProt Entry Name	MBTP1_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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/mbtps1-antibody-immunohistochemistry-western-blot-elisa/232250>