

Rabbit anti-Human TPSD1 Polyclonal Antibody | anti-TPSD1 antibody

TPSD1 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284144	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

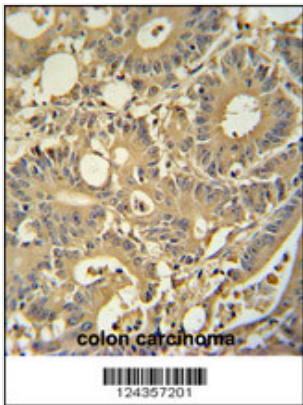
PRODUCT SYNONYMS

TPSD1; Polyclonal Antibody; TPSD1 Antibody (C-term); Tryptase delta; Delta-tryptase; HmMCP-3-like tryptase III; Mast cell mMCP-7-like; Tryptase-3; anti-TPSD1 antibody

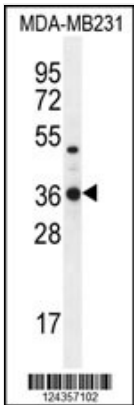
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This TPSD1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 164-193 amino acids from the C-terminal region of human TPSD1.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.39 (varies by lot)
Sequence Positions	164-193
Sequence Length	242
Applicable Applications for anti-TPSD1 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
TPSD1 antibody (C-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human colon carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the TPSD1 antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
TPSD1 Antibody (C-term) western blot analysis in MDA-MB231 cell line lysates (35ug/lane). This demonstrates the TPSD1 antibody detected the TPSD1 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-TPSD1 antibody	Tryptases comprise a family of trypsin-like serine proteases, the peptidase family S1. Tryptases are enzymatically active only as heparin-stabilized tetramers, and they are resistant to all known endogenous proteinase inhibitors. Several tryptase genes are clustered on chromosome 16p13.3. These genes are characterized by several distinct features. They have a highly conserved 3' UTR and contain tandem repeat sequences at the 5' flank and 3' UTR which are thought to play a role in regulation of the mRNA stability. Although this gene may be an exception, most of the tryptase genes have an intron immediately upstream of the initiator Met codon, which separates the site of transcription initiation from protein coding sequence. This feature is characteristic of tryptases but is unusual in other genes. Tryptases have been implicated as mediators in the pathogenesis of asthma and other allergic and inflammatory disorders. TPSD1 was once considered to be a pseudogene, although it is now believed to be a functional gene that encodes a protein.
References	Jackson, N.E., et al. J. Biol. Chem. 283(49):34178-34187(2008) Caughey, G.H. J. Allergy Clin. Immunol. 117(6):1411-1414(2006) Wang, H.W., et al. J. Immunol. 169(9):5145-5152(2002) Caughey, G.H. Mol. Immunol. 38 (16-18), 1353-1357 (2002) : Soto, D., et al. Clin. Exp. Allergy 32(7):1000-1006(2002)

NCBI AND UNIPROT INFORMATION

NCBI GI #	11321636
NCBI GeneID	23430
NCBI Accession #	NP_036349.1
NCBI GenBank Nucleotide #	NM_012217.2
UniProt Accession #	Q9BZJ3; O95824; Q8TDI6; Q96L36; Q96RZ5; Q9H2Y6; Q9UQI8
Molecular Weight	26584
NCBI Official Full Name	tryptase delta
NCBI Official Synonym Full Names	tryptase delta 1

NCBI Official Symbol	TPSD1
NCBI Official Synonym Symbols	MCP7L1; MMCP-7L; MCP7-LIKE
NCBI Protein Information	tryptase delta
UniProt Protein Name	Tryptase delta
UniProt Gene Name	TPSD1
UniProt Entry Name	TRYD_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/tpsd1-antibody-immunohistochemistry-western-blot-elisa/284144>