

Rabbit anti-Human TPSB2 Polyclonal Antibody | anti-TPSB2 antibody

TPSB2 Antibody

CATALOG # AAA305481	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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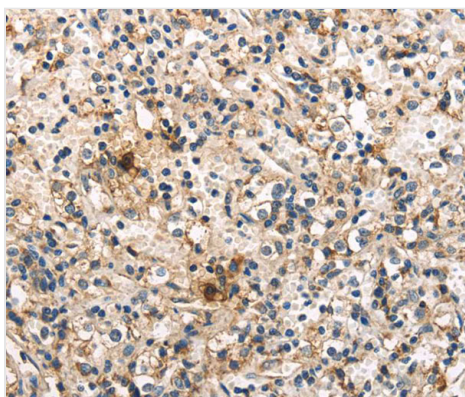
PRODUCT SYNONYMS

TPSB2; Polyclonal Antibody; TPSB2 Antibody; TPS2; tryptaseB; tryptaseC; anti-TPSB2 antibody

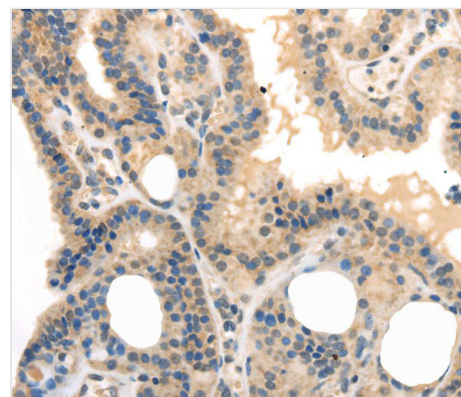
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total TPSB2 protein.
Purity/Purification	Antigen affinity purification.
Form/Format	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Concentration	0.8 mg/ml (varies by lot)
Sequence Length	275
Applicable Applications for anti-TPSB2 antibody	IHC (Immunohistochemistry)
Immunogen Type	Protein
Immunogen Description	Full length fusion protein
Target Name	TPSB2
Preparation and Storage	Store at -20 degree C

IMAGES


IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human prostate cancer tissue using at dilution 1/20.


IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human thyroid cancer tissue using at dilution 1/20.

ADDITIONAL INFORMATION

Related Product Information for anti-TPSB2 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. These 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. The alleles of this gene exhibit an unusual amount of sequence variation, such that the alleles were once thought to represent two separate genes, beta II and beta III. Beta tryptases appear to be the main isoenzymes expressed in mast cells, whereas in basophils, alpha-tryptases predominate. Tryptases have been implicated as mediators in the pathogenesis of asthma and other allergic and inflammatory disorders.
Product Categories/Family for anti-TPSB2 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	13775595
NCBI GeneID	7177
NCBI Accession #	NP_003285.2
NCBI GenBank Nucleotide #	NM_003294.3
UniProt Accession #	P20231; O95827; Q15664; Q9UQI6; Q9UQI7; D2E6S0; D2E6S2; Q15661
Molecular Weight	30,515 Da
NCBI Official Full Name	tryptase alpha/beta-1
NCBI Official Synonym Full Names	tryptase alpha/beta 1
NCBI Official Symbol	TPSAB1
NCBI Official Synonym Symbols	TPS1; TPS2; TPSB1
NCBI Protein Information	tryptase alpha/beta-1
UniProt Protein Name	Tryptase beta-2
UniProt Gene Name	TPSB2
UniProt Synonym Gene Names	TPS2; Tryptase-2
UniProt Entry Name	TRYB2_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.