Tryptase (TPS) Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	Tryptase (TPS), Polyclonal Antibody
Full Product Name	APC Linked Polyclonal Antibody to Tryptase (TPS)
Product Gene Name	anti-TPS antibody
Product Synonym Names	TPS/Tryptase; TPSAB1; Tryptase Alpha/Beta 1; Tryptase Alpha II; Tryptase Beta I; TryptaseI; TryptaseII; TryptaseIII
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Pig
Form/Format	Liquid; 0.01M PBS, pH7.4, containing 0.05% Proclin300, 50% glycerol.
Purity/Purification	Affinity Chromatography
Concentration	>=0.1mg/mL (Please refer to the vial label for the specific concentration.) (lot specific)
Specificity	The antibody is a rabbit polyclonal antibody raised against TPS. It has been selected for its ability to recognize TPS in immunohistochemical staining and western blotting.
Preparation and Storage	Store at 2 degree C to 8 degree C for frequent use, 20 degree C for 24 months The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Matching Pairs	Unconjugated Antibody: TPS (MBS2139564) APC Conjugated Antibody: TPS (MBS2132300)
Molecular Weight	30,439 Da
3D Structure	ModBase 3D Structure for Q9N2D1
Supply Chain Verification	Manufactured in a lab with traceable raw materials. Bulk orders can typically be prepared to the customer's specifications, please inquire.
Immunogen Type	Prokaryotic Recombinant proteins/RP
Sequence of Immunogen	Ile31~Ser275
Conjugation	APC
Product Categories/Family for anti-TPS antibody	Enzyme & Kinase; Infection immunity; Rheumatology; Primary, APC labeled
ISO Certification	Manufactured in an ISO 9001:2015 and ISO 13485:2016 Certified Laboratory.
Applications Tested/Suitable for anti-TPS antibody	Western Blot (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC), Immunoprecipitation (IP)
Application Notes for anti-TPS antibody	Western blottin:g: 0.52ug/mL IHC: 520ug/mL ICC: 520ug/mL
Related Product Information for anti-TPS antibody	MBS2132300 is an antibody targeting TPS. Also known as APC Linked Polyclonal Antibody to Tryptase (TPS). Reactive in Pig. Host: Rabbit.

Other Notes	Small volumes of anti-TPS antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for TPS. It may not necessarily be applicable to this product.

NCBI GI #	47523468
NCBI GeneID	397389
NCBI Accession #	NP_999356.1
UniProt Primary Accession #	Q9N2D1
UniProt Related Accession #	Q9N2D1
GenBank Nucleotide #	NM_214191.1
NCBI Official Full Name	tryptase
NCBI Official Symbol	MCT7
NCBI Official Synonym Symbols	PMCT7; TPSB1
UniProt Protein Name	Tryptase
Protein Family	Development-specific protein
UniProt Gene Name	MCT7
UniProt Entry Name	TRYT_PIG
NCBI Protein Information	tryptase
UniProt Comments for TPS	Tryptase is the major neutral protease present in mast cells and is secreted upon the coupled activation-degranulation response of this cell type.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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