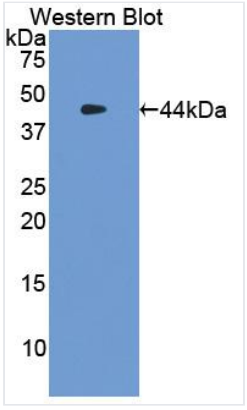
Tryptase (TPS) Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	Tryptase (TPS), Polyclonal Antibody
Full Product Name	Polyclonal Antibody to Tryptase (TPS)
Product Gene Name	anti-TPS antibody
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Pig
Form/Format	Supplied as solution form in PBS, pH7.4, containing 0.02% NaN3, 50% glycerol
Purity/Purification	Antigen-specific affinity chromatography followed by Protein A affinity chromatography
Concentration	0.5mg/ml (lot specific)
Preparation and Storage	**Storage:** Avoid repeated freeze/thaw cycles. Store at 4 degree C for frequent use. Aliquot and store at -20 degree C for 24 months. **Stability Test:** 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 (MBS2004125) Immunogen: TPS (MBS2012229)
Matching Pairs	Unconjugated Antibody: TPS (MBS2004125) APC-CY7 Conjugated Antibody: TPS (MBS2051200)
Matching Pairs	Unconjugated Antibody: TPS (MBS2004125) PE Conjugated Antibody: TPS (MBS2051201)
Matching Pairs	Unconjugated Antibody: TPS (MBS2004125) APC Conjugated Antibody: TPS (MBS2051202)
Matching Pairs	Unconjugated Antibody: TPS (MBS2004125) Cy3 Conjugated Antibody: TPS (MBS2051203)
Matching Pairs	Unconjugated Antibody: TPS (MBS2004125) FITC Conjugated Antibody: TPS (MBS2051204)
Matching Pairs	Unconjugated Antibody: TPS (MBS2004125) HRP Conjugated Antibody: TPS (MBS2051205)
Matching Pairs	Unconjugated Antibody: Tryptase (TPS) (MBS2004125) APC-CY7 Conjugated Secondary Antibody: Immunoglobulin G (MBS2090675)
Matching Pairs	Unconjugated Antibody: Tryptase (TPS) (MBS2004125) Unconjugated Secondary Antibody: Immunoglobulin G (MBS2090678)
Matching Pairs	Unconjugated Antibody: TPS (MBS2004125) Biotin Conjugated Antibody: TPS (MBS2092844)
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.
Source	Polyclonal antibody preparation
Traits	Liquid
Immunogen	Recombinant TPS (Lys151~Ser275) expressed in E.coli: (MBS2012229)
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 blotting: 0.01-2ug/mL; Immunohistochemistry: 5-20ug/mL; Immunocytochemistry: 5-20ug/mL; Optimal working dilutions must be determined by end user.
Related Product Information for anti-TPS antibody	MBS2004125 is an antibody targeting TPS. Also known as 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.



Western Blot (WB) of anti-TPS antibody
Western Blot:Sample: Recombinant Tryptase, Porcine.

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
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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