ENTPD1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	ENTPD1, Polyclonal Antibody
Full Product Name	ENTPD1 Antibody, HRP Conjugated
Product Gene Name	anti-ENTPD1 antibody
Product Synonym Names	Ectonucleoside triphosphate diphosphohydrolase 1; NTPDase 1; Ecto-ATP diphosphohydrolase 1; Ecto-ATPDase 1; Ecto-ATPase 1; Ecto-apyrase; Lymphoid cell activation antigen; CD39; ENTPD1; CD39
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid
Purity/Purification	>95% Protein G Purified
Preparation and Storage	Upon receipt, store at-20 degree C or-80 degree C. Avoid repeated freeze.
Matching Pairs	Unconjugated Antibody: ENTPD1 (MBS7112924) HRP Conjugated Antibody: ENTPD1 (MBS7112925)
Molecular Weight	58,706 Da
3D Structure	ModBase 3D Structure for P49961
Immunogen Species	Human
Immunogen	Recombinant Human Ectonucleoside triphosphate diphosphohydrolase 1 protein (316-474AA)
Conjugate	HRP
Preservative	0.03% Proclin 300
Constituents	50% Glycerol, 0.01M PBS, pH 7.4
Product Categories/Family for anti-ENTPD1 antibody	Immunology
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-ENTPD1 antibody	ELISA (EIA)
Related Product Information for anti-ENTPD1 antibody	MBS7112925 is an antibody targeting ENTPD1. Also known as ENTPD1 Antibody, HRP Conjugated. Reactive in Human. Host: Rabbit.
Other Notes	Small volumes of anti-ENTPD1 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 ENTPD1. It may not necessarily be applicable to this product.

NCBI GI #	147905700
NCBI GeneID	953
NCBI Accession #	NP_001091645.1
UniProt Primary Accession #	P49961
UniProt Secondary Accession #	Q5T561; Q5T562; Q86VV3; Q9UQQ9; Q9Y3Q9; A9Z1X8; B4DWB9; B4E1X1; B7Z599; G3XAF6
UniProt Related Accession #	P49961
GenBank Nucleotide #	NM_001098175.1
NCBI Official Full Name	ectonucleoside triphosphate diphosphohydrolase 1 isoform 2
NCBI Official Synonym Full Names	ectonucleoside triphosphate diphosphohydrolase 1
NCBI Official Symbol	ENTPD1
NCBI Official Synonym Symbols	CD39; SPG64; ATPDase; NTPDase-1
UniProt Protein Name	Ectonucleoside triphosphate diphosphohydrolase 1
UniProt Synonym Protein Names	Ecto-ATP diphosphohydrolase 1; Ecto-ATPDase 1; Ecto-ATPase 1; Ecto-apyrase; Lymphoid cell activation antigen; CD_antigen: CD39
Protein Family	Ectonucleoside triphosphate diphosphohydrolase
UniProt Gene Name	ENTPD1
UniProt Synonym Gene Names	CD39; NTPDase 1; Ecto-ATPDase 1; Ecto-ATPase 1
NCBI Protein Information	ectonucleoside triphosphate diphosphohydrolase 1
NCBI Summary for ENTPD1	The protein encoded by this gene is a plasma membrane protein that hydrolyzes extracellular ATP and ADP to AMP. Inhibition of this protein's activity may confer anticancer benefits. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Aug 2015]
UniProt Comments for ENTPD1	In the nervous system, could hydrolyze ATP and other nucleotides to regulate purinergic neurotransmission. Could also be implicated in the prevention of platelet aggregation by hydrolyzing platelet-activating ADP to AMP. Hydrolyzes ATP and ADP equally well.
Research Articles on ENTPD1	**1.** Changes in the local expression and activity of CD39 and CD73 in calcified valves suggest their potential role in calcific aortic valve disease.
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