Dipeptidyl Peptidase 3 (DPP3) Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	Dipeptidyl Peptidase 3 (DPP3), Polyclonal Antibody
Full Product Name	Biotin-Linked Polyclonal Antibody to Dipeptidyl Peptidase 3 (DPP3)
Product Gene Name	anti-DPP3 antibody
Product Synonym Names	DPPIII; Dipeptidylpeptidase 3; Enkephalinase B; Dipeptidyl arylamidase III; Dipeptidyl aminopeptidase III
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Mouse, Human, Rat
Concentration	500ug/ml (lot specific)
Matching Pairs	Unconjugated Antibody: DPP3 (MBS2033903) Biotin Conjugated Antibody: DPP3 (MBS2095583)
Matching Pairs	Biotin Conjugated Antibody: DPP3 (MBS2095583) Immunogen: DPP3 (MBS2034368)
Molecular Weight	83,039 Da
3D Structure	ModBase 3D Structure for O55096
Supply Chain Verification	Manufactured in a lab with traceable raw materials. Bulk orders can typically be prepared to the customer's specifications, please inquire.
Conjugation	Biotin
Cross Reactivity	Mouse
Immunogen	DPP3 (Ala2~Glu263)
ISO Certification	Manufactured in an ISO 9001:2015 and ISO 13485:2016 Certified Laboratory.
Applications Tested/Suitable for anti-DPP3 antibody	Western Blot (WB), Immunohistochemistry (IHC)
Related Product Information for anti-DPP3 antibody	MBS2095583 is an antibody targeting DPP3. Also known as Biotin-Linked Polyclonal Antibody to Dipeptidyl Peptidase 3 (DPP3). Reactive in Mouse, Human, Rat. Host: Rabbit.
Other Notes	Small volumes of anti-DPP3 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 DPP3. It may not necessarily be applicable to this product.

NCBI GI #	16758578
NCBI GeneID	114591
NCBI Accession #	NP_446200.1
UniProt Primary Accession #	O55096
UniProt Secondary Accession #	Q32Q87

UniProt Related Accession #	O55096
GenBank Nucleotide #	NM_053748.1
NCBI Official Full Name	dipeptidyl peptidase 3
NCBI Official Synonym Full Names	dipeptidylpeptidase 3
NCBI Official Symbol	Dpp3
UniProt Protein Name	Dipeptidyl peptidase 3
UniProt Synonym Protein Names	Dipeptidyl aminopeptidase III; Dipeptidyl arylamidase III; Dipeptidyl peptidase III; DPP III; Enkephalinase B
UniProt Gene Name	Dpp3
UniProt Synonym Gene Names	DPP III
NCBI Protein Information	dipeptidyl peptidase 3
NCBI Summary for DPP3	catalyzes the release of an N-terminal dipeptide from a peptide of four or more residues; catalyzes the hydrolysis of Arg-Arg-2-naphthylamide; binds zinc [RGD, Feb 2006]
UniProt Comments for DPP3	DPP3: Cleaves Arg-Arg-beta-naphthylamide. Belongs to the peptidase M49 family. 3 isoforms of the human protein are produced by alternative splicing. Protein type: EC 3.4.14.4; Protease Chromosomal Location of Human Ortholog: 1q43 Cellular Component: cytoplasm; cytosol; nuclear speck; plasma membrane Molecular Function: dipeptidyl-peptidase activity; metallopeptidase activity; zinc ion binding Biological Process: proteolysis
Research Articles on DPP3	**1.** structure and activity of Cu(II)-rat dipeptidyl peptidase III
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