DPP3 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	DPP3, Polyclonal Antibody
Full Product Name	DPP3 Polyclonal Conjugated Antibody
Product Gene Name	anti-DPP3 antibody
Product Synonym Names	DPP3 Conjugated Antibody; DPP3; DPPIII; dipeptidyl peptidase 3
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Form/Format	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Purity/Purification	Affinity purification
Preparation and Storage	Store at 4 degree C for 6 months.
Molecular Weight	83kDa
OMIM	606818
3D Structure	ModBase 3D Structure for Q9NY33
Immunogen	Recombinant fusion protein of human DPP3 (NP_569710.2).
Conjugation	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Excitation Emission	AF350: 346nm/442nm
Applications Tested/Suitable for anti-DPP3 antibody	Most Applications
Application Notes for anti-DPP3 antibody	Suggested Dilution: AF350 conjugated: most applications: 1:50-1:250 AF405 conjugated: most applications: 1:50-1:250 AF488 conjugated: most applications: 1:50-1:250 AF555 conjugated: most applications: 1:50-1:250 AF594 conjugated: most applications: 1:50-1:250 AF647 conjugated: most applications: 1:50-1:250 AF680 conjugated: most applications: 1:50-1:250 AF750 conjugated: most applications: 1:50-1:250 Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1:50-1:1000
Related Product Information for anti-DPP3 antibody	This gene encodes a protein that is a member of the M49 family of metallopeptidases. This cytoplasmic protein binds a single zinc ion with its zinc-binding motif (HELLGH) and has post-proline dipeptidyl aminopeptidase activity, cleaving Xaa-Pro dipeptides from the N-termini of proteins. Increased activity of this protein is associated with endometrial and ovarian cancers. Alternatively spliced transcript variants have been found for this gene.
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.
Searchable Terms for DPP3 purchase	MBS9441982 is an antibody targeting DPP3. Also known as DPP3 Polyclonal Conjugated Antibody. Reactive in Human, Mouse, Rat. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for DPP3. It may not necessarily be applicable to this product.

NCBI GI #	86792661
NCBI GeneID	10072
NCBI Accession #	NP_569710.2
UniProt Primary Accession #	Q9NY33
UniProt Related Accession #	Q9NY33
GenBank Nucleotide #	NP_569710.2
NCBI Official Full Name	dipeptidyl peptidase 3 isoform 1
NCBI Official Synonym Full Names	dipeptidyl peptidase 3
NCBI Official Symbol	DPP3
NCBI Official Synonym Symbols	DPPIII
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
UniProt Entry Name	DPP3_HUMAN
NCBI Protein Information	dipeptidyl peptidase 3
Research Articles on DPP3	**1.** We conclude that DPP 3 may influence the cellular expression of Ang-(1-7) and potentially reflect a therapeutic target to augment the actions of the peptide
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