

Rabbit DPP3 Polyclonal Antibody | anti-DPP3 antibody

DPP3 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289172	Rabbit	Human (Predicted Reactivity: Mouse)	Immunofluorescence, Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

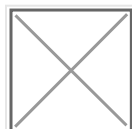
PRODUCT SYNONYMS

DPP3; Polyclonal Antibody; DPP3 Antibody (C-term); Dipeptidyl peptidase 3; Dipeptidyl aminopeptidase III; Dipeptidyl arylamidase III; Dipeptidyl peptidase III; DPP III; Enkephalinase B; anti-DPP3 antibody

PRODUCT SPECIFICATIONS

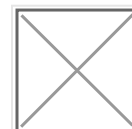
Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This DPP3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 583-612 amino acids from the C-terminal region of human DPP3.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.32 (varies by lot)
Sequence Positions	583-612
Sequence Length	707
Applicable Applications for anti-DPP3 antibody	IF (Immunofluorescence), FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



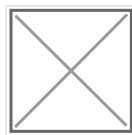
IF (Immunofluorescence)

Confocal immunofluorescent analysis of DPP3 Antibody (C-term) with Hela cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used to stain the cell nuclear (blue).



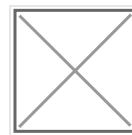
FCM/FACS (Flow Cytometry)

DPP3 Antibody (C-term) flow cytometric analysis of HL-60 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)

DPP3 Antibody (C-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human uterus tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of DPP3 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)

DPP3 Antibody (C-term) western blot analysis in HL-60 cell line lysates (35ug/lane). This demonstrates the DPP3 antibody detected the DPP3 protein (arrow).

ADDITIONAL INFORMATION

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. Alternate transcriptional splice variants have been characterized.
Product Categories/Family for anti-DPP3 antibody	Cell Biology
References	Shukla, A.A., et al. FEBS J. 277(8):1861-1875(2010) Salopek-Sondi, B., et al. Biol. Chem. 389(2):163-167(2008) Gevaert, K., et al. Proteomics 5(14):3589-3599(2005) Abramic, M., et al. Int. J. Biochem. Cell Biol. 36(3):434-446(2004) Hillman, R.T., et al. Genome Biol. 5 (2), R8 (2004) :

NCBI AND UNIPROT INFORMATION

NCBI GI #	375331941
NCBI GeneID	10072
NCBI Accession #	NP_001243599.1 ; NP_005691.2 ; NP_569710.2
NCBI GenBank Nucleotide #	NM_001256670.1
UniProt Accession #	Q9NY33 ; O95748 ; Q969H2 ; Q9BV67 ; Q9HAL6 ; B2RDB5 ; B4DLX4 ; F5H8L6
Molecular Weight	82589
NCBI Official Full Name	dipeptidyl peptidase 3 isoform 2
NCBI Official Synonym Full Names	dipeptidyl-peptidase 3
NCBI Official Symbol	DPP3
NCBI Official Synonym Symbols	DPPIII
NCBI Protein Information	dipeptidyl peptidase 3
UniProt Protein Name	Dipeptidyl peptidase 3
UniProt Gene Name	DPP3
UniProt Synonym Gene Names	DPP III
UniProt Entry Name	DPP3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.