

Rabbit DPP6 Polyclonal Antibody | anti-DPP6 antibody

DPP6 antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA199498	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat, Zebrafish	Western Blot

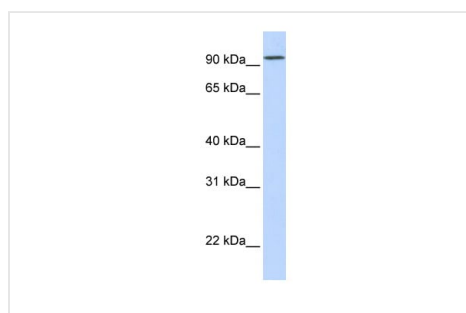
PRODUCT SYNONYMS

DPP6; Polyclonal Antibody; DPP6 antibody - middle region; anti-DPP6 antibody

PRODUCT SPECIFICATIONS

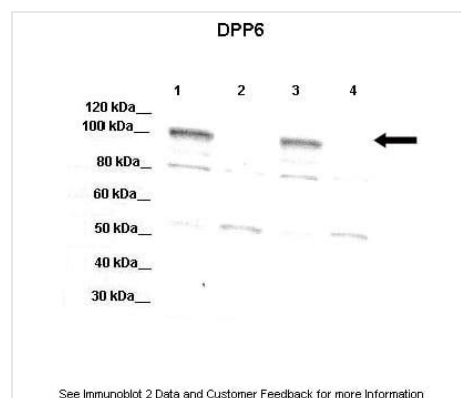
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: FL IIHPTADEKI HFQHTAELIT QLIRGKANYS LQIYPDESHY FTSSSLKQ
Sequence Length	801
Applicable Applications for anti-DPP6 antibody	WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 93%; Horse: 100%; Human: 100%; Mouse: 100%; Pig: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 86%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human DPP6
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

WB Suggested Anti-DPP6 Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:312500
Positive Control: Human Muscle



WB (Western Blot)

Lanes: Lane 1: 20ug mouse WT brain extract
Lane 2: DPP6 -/- mouse brain extract
Lane 3: 20ug mouse WT brain extract
Lane 4: DPP6 -/- mouse brain extract
Primary Antibody Dilution: 1:1000
Secondary Antibody: Donkey anti-rabbit-HRP
Secondary Antibody Dilution: 1:10,000
Gene Name: DPP6
Submitted by: Jeanne M. Nerbonne, Arvin Soepriatna, Washington University Medical School Department of Developmental Biology

ADDITIONAL INFORMATION

Related Product Information for anti-DPP6 antibody	This is a rabbit polyclonal antibody against DPP6. It was validated on Western Blot using a cell lysate as a positive control. Target Description: DPP6 is a single-pass type II membrane protein that is a member of the S9B family in clan SC of the serine proteases. This protein has no detectable protease activity, most likely due to the absence of the conserved serine residue normally present in the catalytic domain of serine proteases. However, it does bind specific voltage-gated potassium channels and alters their expression and biophysical properties.This gene encodes a single-pass type II membrane protein that is a member of the S9B family in clan SC of the serine proteases. This protein has no detectable protease activity, most likely due to the absence of the conserved serine residue normally present in the catalytic domain of serine proteases. However, it does bind specific voltage-gated potassium channels and alters their expression and biophysical properties. Alternate transcriptional splice variants, encoding different isoforms, have been characterized.
Product Categories/Family for anti-DPP6 antibody	Polyclonal; Membrane Protein; Neuroscience

NCBI AND UNIPROT INFORMATION

NCBI GI #	86792863
NCBI GeneID	1804
NCBI Accession #	NP_001034439
NCBI GenBank Nucleotide #	NM_001039350
UniProt Accession #	P42658
Molecular Weight	91kDa
NCBI Official Full Name	dipeptidyl aminopeptidase-like protein 6 isoform 3
NCBI Official Synonym Full Names	dipeptidyl peptidase like 6
NCBI Official Symbol	DPP6
NCBI Official Synonym Symbols	VF2; DPL1; DPPX; MRD33
NCBI Protein Information	dipeptidyl aminopeptidase-like protein 6
UniProt Protein Name	Dipeptidyl aminopeptidase-like protein 6
UniProt Gene Name	DPP6
UniProt Synonym Gene Names	DPP VI
UniProt Entry Name	DPP6_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.