

Rabbit Dipeptidylpeptidase 10 / DPP10 Polyclonal Antibody | anti-DPP10 antibody

Rabbit Polyclonal to Human Dipeptidylpeptidase 10 / DPP10

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51319	Rabbit	Gibbon, Bovine, Chimpanzee, Dog, Guinea pig, Gorilla, Horse, Human, Monkey, Orangutan Predicted Reactivity: Bat, Pig, Rabbit (at least 90% immunogen sequence identity)	Immunohistochemistry

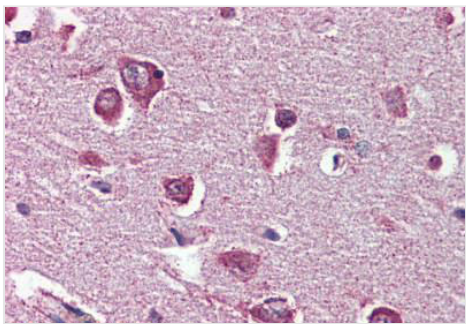
PRODUCT SYNONYMS

Dipeptidylpeptidase 10 / DPP10; Polyclonal Antibody; Rabbit Polyclonal to Human Dipeptidylpeptidase 10 / DPP10; Anti-Dipeptidylpeptidase 10 / DPP10 Antibody (Internal) IHC-plus; DPP10; Dipeptidyl peptidase X; Dipeptidyl-peptidase 10; Dipeptidylpeptidase 10; DPL2; DPRP-3; DPRP3; Dipeptidyl peptidase 10; DPPY; KIAA1492; DPP X; Human Dipeptidylpeptidase 10; anti-DPP10 antibody

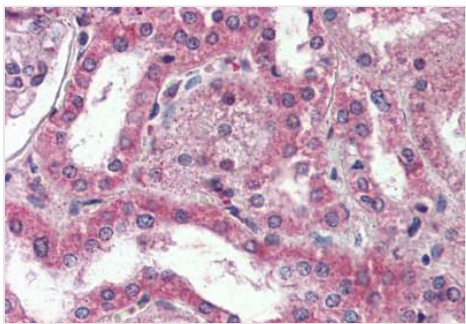
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Gibbon, Bovine, Chimpanzee, Dog, Guinea pig, Gorilla, Horse, Human, Monkey, Orangutan Predicted Reactivity: Bat, Pig, Rabbit (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Specificity	Human DPP10. BLAST analysis of the peptide immunogen showed no homology with other human proteins.
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS, 0.1% sodium azide.
Concentration	1 mg/ml (varies by lot)
Sequence Length	796
Applicable Applications for anti-DPP10 antibody	IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic 17 amino acid peptide from internal region of human DPP10. Percent identity with other species by BLAST analysis: Human, Chimpanzee, Gorilla, Orangutan, Gibbon, Monkey, Marmoset, Panda, Bovine, Dog, Horse, Guinea pig (100%).
Immunogen Type	Synthetic peptide
Immunogen	Dipeptidylpeptidase 10 / DPP10 antibody was raised against synthetic 17 amino acid peptide from internal region of human DPP10. Percent identity with other species by BLAST analysis: Human, Chimpanzee, Gorilla, Orangutan, Gibbon, Monkey, Marmoset, Panda, Bovine, Dog, Horse, Guinea pig (100%); Galago, Bat, Rabbit, Pig (94%); Opossum, Turkey, Zebra finch, Chicken, Xenopus (88%); Mouse, Rat, Hamster, Elephant (82%).
Antigen Modification	Internal
Preparation and Storage	Long term: -70 degree C; Short term: +4 degree C

IMAGES



IHC (Immunohistochemistry)
Anti-DPP10 antibody IHC of human brain, cortex. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemistry)
Anti-DPP10 antibody IHC of human kidney. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

ADDITIONAL INFORMATION

Related Product Information for anti-DPP10 antibody	DPP10 shares structural similarity with the dipeptidyl peptidase family, however it lacks the active site serine, which is substituted with a glycine residue. DPP10 has been shown to facilitate Kv4.2 protein trafficking to the cell membrane, increase A-type current magnitude and modify the voltage dependence and kinetic properties of the Kv4.2 channel. DPP10 is prominently expressed in all brain regions examined except cerebellum.
Product Categories/Family for anti-DPP10 antibody	Family: Protease; Subfamily: Serine S9B

NCBI AND UNIPROT INFORMATION

NCBI GI #	52426756
NCBI GeneID	57628
NCBI Accession #	NP_065919.2
NCBI GenBank Nucleotide #	NM_020868.3
UniProt Accession #	Q8N608; Q0GLB8; Q53QT3; Q53S86; Q53SL8; Q53SS4; Q6TTV4; Q86YR9; Q9P236; A8K1Q2; J3KPP2; J3KQ46
Molecular Weight	85,480 Da
NCBI Official Full Name	inactive dipeptidyl peptidase 10 isoform long
NCBI Official Synonym Full Names	dipeptidyl-peptidase 10 (non-functional)
NCBI Official Symbol	DPP10
NCBI Official Synonym Symbols	DPL2; DPPY; DPRP3; DPRP-3
NCBI Protein Information	inactive dipeptidyl peptidase 10; DPP X; dipeptidyl peptidase X; dipeptidyl peptidase-like protein 2; dipeptidyl peptidase IV-related protein 3
UniProt Protein Name	Inactive dipeptidyl peptidase 10
UniProt Gene Name	DPP10
UniProt Synonym Gene Names	DPRP3; KIAA1492; DPRP-3; DPP X; DPL2
UniProt Entry Name	DPP10_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.