

Dipeptidylpeptidase 10 / DPP10 Antibody (Extracellular Domain)
Rabbit Polyclonal Antibody
Catalog # ALS10966**Specification**

Dipeptidylpeptidase 10 / DPP10 Antibody (Extracellular Domain) - Product Information

Application	IHC-P
Primary Accession	Q8N608
Reactivity	Human, Rabbit, Monkey, Pig, Horse, Bovine, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	91kDa KDa
Dilution	IHC-P ~ N/A

Dipeptidylpeptidase 10 / DPP10 Antibody (Extracellular Domain) - Additional Information**Gene ID** 57628**Other Names**

Inactive dipeptidyl peptidase 10, Dipeptidyl peptidase IV-related protein 3, DPRP-3, Dipeptidyl peptidase X, DPP X, Dipeptidyl peptidase-like protein 2, DPL2, DPP10, DPRP3, KIAA1492

Target/Specificity

Human DPP10. BLAST analysis of the peptide immunogen showed no homology with other human proteins.

Reconstitution & Storage

Long term: -70°C; Short term: +4°C

Precautions

Dipeptidylpeptidase 10 / DPP10 Antibody (Extracellular Domain) is for research use only and not for use in diagnostic or therapeutic procedures.

Dipeptidylpeptidase 10 / DPP10 Antibody (Extracellular Domain) - Protein Information**Name** DPP10**Synonyms** DPRP3, KIAA1492**Function**

Promotes cell surface expression of the potassium channel KCND2 (PubMed: [15454437](http://www.uniprot.org/citations/15454437)). Modulates the activity and gating characteristics of the potassium channel KCND2 (PubMed: [15454437](http://www.uniprot.org/citations/15454437)). Has no dipeptidyl aminopeptidase activity (PubMed: [12662155](http://www.uniprot.org/citations/12662155)).

Cellular Location

Cell membrane {ECO:0000250|UniProtKB:Q6NXX7, ECO:0000269|PubMed:14566338}; Single-pass type II membrane protein {ECO:0000250|UniProtKB:P42658}

Tissue Location

Found in serum, T-cells and brain (at protein level). Expressed in brain, pancreas, spinal cord and adrenal glands

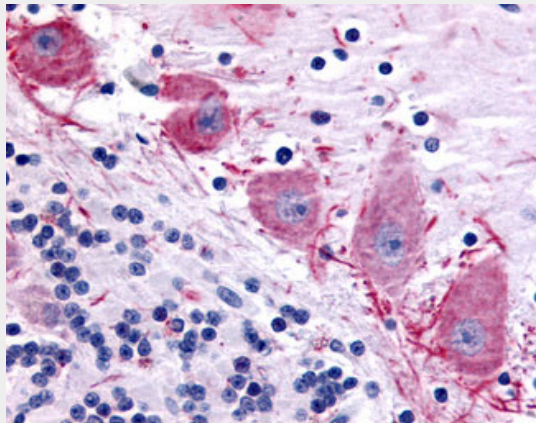
Volume

50 µl

Dipeptidylpeptidase 10 / DPP10 Antibody (Extracellular Domain) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Dipeptidylpeptidase 10 / DPP10 Antibody (Extracellular Domain) - Images

Anti-DPP10 antibody ALS10966 IHC of human brain, cerebellum Purkinje neurons.

Dipeptidylpeptidase 10 / DPP10 Antibody (Extracellular Domain) - Background

Has no dipeptidyl aminopeptidase activity. May modulate cell surface expression and activity of the potassium channels KCND1 and KCND2.

Dipeptidylpeptidase 10 / DPP10 Antibody (Extracellular Domain) - References

Chen T.,et al.Adv. Exp. Med. Biol. 524:79-86(2003).
Qi S.Y.,et al.Biochem. J. 373:179-189(2003).
Allen M.,et al.Nat. Genet. 35:258-263(2003).
Takimoto K.,et al.Biochem. Biophys. Res. Commun. 348:1094-1100(2006).
Nagase T.,et al.DNA Res. 7:143-150(2000).