

DPP6 / Dipeptidylpeptidase 6 Antibody (Extracellular Domain)
Rabbit Polyclonal Antibody
Catalog # ALS10962**Specification**

DPP6 / Dipeptidylpeptidase 6 Antibody (Extracellular Domain) - Product Information

Application	IHC
Primary Accession	P42658
Reactivity	Human, Mouse, Rabbit, Monkey, Horse, Xenopus, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	98kDa KDa

DPP6 / Dipeptidylpeptidase 6 Antibody (Extracellular Domain) - Additional Information**Gene ID** 1804**Other Names**

Dipeptidyl aminopeptidase-like protein 6, DPPX, Dipeptidyl aminopeptidase-related protein, Dipeptidyl peptidase 6, Dipeptidyl peptidase IV-like protein, Dipeptidyl peptidase VI, DPP VI, DPP6

Target/Specificity

Human DPP6. BLAST analysis of the peptide immunogen showed no homology with other human proteins.

Reconstitution & Storage

Long term: -70°C; Short term: +4°C

Precautions

DPP6 / Dipeptidylpeptidase 6 Antibody (Extracellular Domain) is for research use only and not for use in diagnostic or therapeutic procedures.

DPP6 / Dipeptidylpeptidase 6 Antibody (Extracellular Domain) - Protein Information**Name** DPP6**Function**

Promotes cell surface expression of the potassium channel KCND2 (PubMed:15454437, PubMed:19441798). Modulates the activity and gating characteristics of the potassium channel KCND2 (PubMed:18364354). Has no dipeptidyl aminopeptidase activity (PubMed:8103397, PubMed:15476821).

Cellular Location

Cell membrane; Single-pass type II membrane protein

Tissue Location

Expressed predominantly in brain.

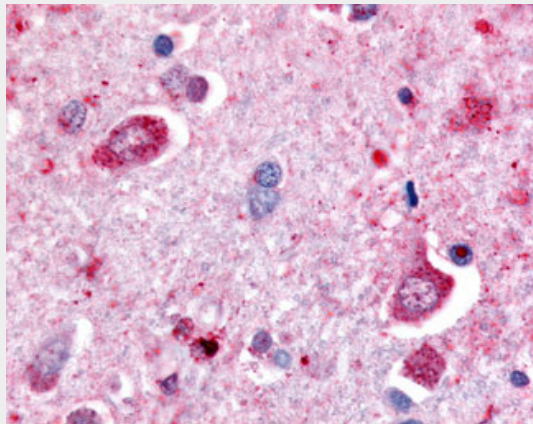
Volume

50 µl

DPP6 / Dipeptidylpeptidase 6 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](#)

DPP6 / Dipeptidylpeptidase 6 Antibody (Extracellular Domain) - Images

Anti-DPP6 antibody ALS10962 IHC of human brain, neurons.

DPP6 / Dipeptidylpeptidase 6 Antibody (Extracellular Domain) - Background

May be involved in the physiological processes of brain function. Has no dipeptidyl aminopeptidase activity. May modulate the cell surface expression and the activity of the potassium channel KCND2.

DPP6 / Dipeptidylpeptidase 6 Antibody (Extracellular Domain) - References

Yokotani N., et al. Hum. Mol. Genet. 2:1037-1039(1993).
Hillier L.W., et al. Nature 424:157-164(2003).
van Es M.A., et al. Nat. Genet. 40:29-31(2008).
Garber K., et al. Science 319:20-20(2008).
Alders M., et al. Am. J. Hum. Genet. 84:468-476(2009).