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Dipeptidylpeptidase 10 / DPP10 Antibody (Internal)

Goat Polyclonal Antibody
Catalog # ALS13427

Specification

Dipeptidylpeptidase 10 / DPP10 Antibody (Internal) - Product Information

Application	**IHC**
Primary Accession	Q8N608
Reactivity	**Human, Rabbit, Monkey, Pig, Horse, Bovine**
Host	**Goat**
Clonality	**Polyclonal**
Calculated MW	**91kDa KDa**

Dipeptidylpeptidase 10 / DPP10 Antibody (Internal) - 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. This antibody is expected to recognise both reported isoforms NP_065919.2 and NP_001004360.2.

Reconstitution & Storage
Store at -20°C. Minimize freezing and thawing.

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

Dipeptidylpeptidase 10 / DPP10 Antibody (Internal) - Protein Information

Name DPP10

Synonyms DPRP3, KIAA1492

Function
Promotes cell surface expression of the potassium channel KCND2 (PubMed:15454437). Modulates the activity and gating characteristics of the potassium channel KCND2 (PubMed:15454437). Has no dipeptidyl aminopeptidase activity (PubMed:12662155).

Cellular Location
Cell membrane {ECO:0000250|UniProtKB:Q6NXK7, ECO:0000269|PubMed:14566338}; Single-pass

type II membrane protein {ECO:0000250|UniProtKB:P42658}

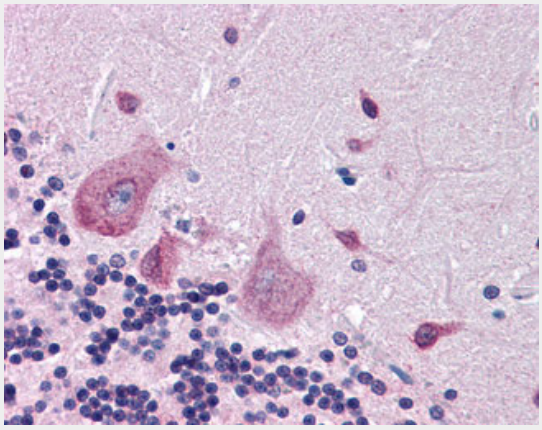
Tissue Location
Found in serum, T-cells and brain (at protein level). Expressed in brain, pancreas, spinal cord and adrenal glands

Dipeptidylpeptidase 10 / DPP10 Antibody (Internal) - Protocols

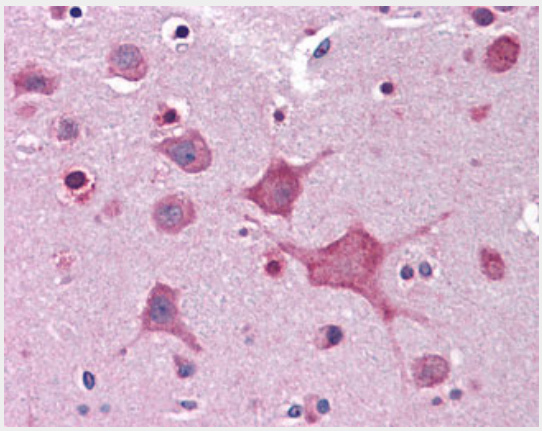
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Dipeptidylpeptidase 10 / DPP10 Antibody (Internal) - Images



Anti-DPP10 antibody IHC of human brain, cerebellum.



Anti-DPP10 antibody IHC of human brain, cortex.

Dipeptidylpeptidase 10 / DPP10 Antibody (Internal) - Background

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

Dipeptidylpeptidase 10 / DPP10 Antibody (Internal) - 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).