

**Dipeptidylpeptidase 10 / DPP10 Antibody (Internal)**  
**Rabbit Polyclonal Antibody**  
**Catalog # ALS10965****Specification**

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**Dipeptidylpeptidase 10 / DPP10 Antibody (Internal) - Product Information**

|                   |                                               |
|-------------------|-----------------------------------------------|
| Application       | IHC                                           |
| Primary Accession | <a href="#">Q8N608</a>                        |
| Reactivity        | Human, Monkey, Horse, Bovine, Guinea Pig, Dog |
| Host              | Rabbit                                        |
| 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. 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 (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:<a href="http://www.uniprot.org/citations/15454437" target="\_blank">15454437</a>). Modulates the activity and gating characteristics of the potassium channel KCND2 (PubMed:<a href="http://www.uniprot.org/citations/15454437" target="\_blank">15454437</a>). Has no dipeptidyl aminopeptidase activity (PubMed:<a href="http://www.uniprot.org/citations/12662155" target="\_blank">12662155</a>).

**Cellular Location**

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

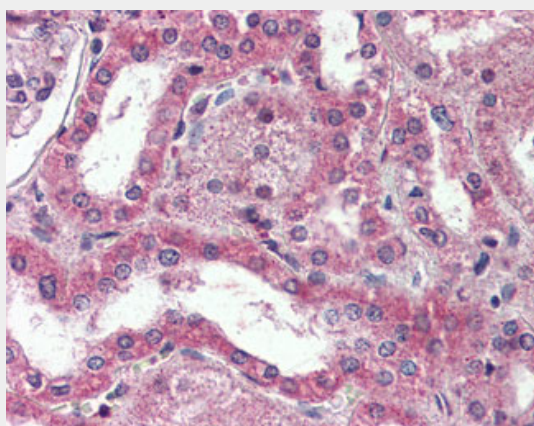
**Tissue Location**

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

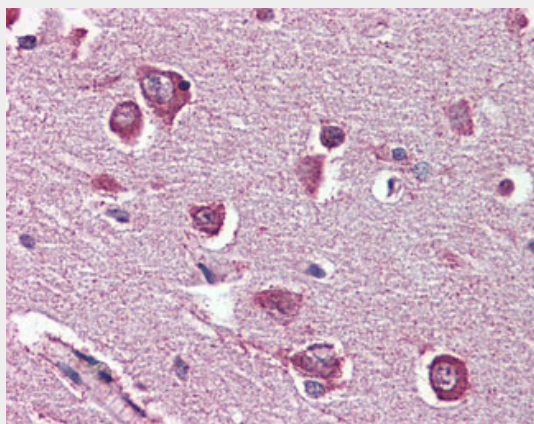
**Dipeptidylpeptidase 10 / DPP10 Antibody (Internal) - Protocols**

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

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

**Dipeptidylpeptidase 10 / DPP10 Antibody (Internal) - Images**

Anti-DPP10 antibody ALS10965 IHC of human kidney.



Anti-DPP10 antibody ALS10965 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).