

**DPP10 Blocking Peptide**  
**Catalog # PBV10423b****Specification**

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**DPP10 Blocking Peptide - Product Information**

|                   |                            |
|-------------------|----------------------------|
| Primary Accession | <a href="#">Q6N XK7</a>    |
| Other Accession   | <a href="#">AAH63074.4</a> |
| Gene ID           | <b>269109</b>              |
| Calculated MW     | <b>90827</b>               |

**DPP10 Blocking Peptide - Additional Information****Gene ID** 269109**Application & Usage**

The peptide is used for blocking the antibody activity of DPP10. It usually blocks the antibody activity completely in Western blot analysis by incubating the peptide with equal volume of antibody for 30-60 minutes at 37°C.

**Other Names**

Inactive dipeptidyl peptidase 10, Dipeptidyl peptidase X, DPP X, Dpp10

**Target/Specificity**

DPP10

**Formulation**

50 µg (0.5 mg/ml) in phosphate buffered saline (PBS), pH 7.2, containing 50% glycerol, 1% BSA and 0.02% thimerosal.

**Reconstitution & Storage**

-20 °C

**Background Descriptions****Precautions**

DPP10 Blocking Peptide is for research use only and not for use in diagnostic or therapeutic procedures.

**DPP10 Blocking Peptide - Protein Information****Name** Dpp10**Function**

Promotes cell surface expression of the potassium channel KCND2 (PubMed:<a href="http://www.uniprot.org/citations/22311982" target="\_blank">22311982</a>). Modulates the activity and gating characteristics of the potassium channel KCND2 (PubMed:<a

href="http://www.uniprot.org/citations/22311982" target="\_blank">22311982</a>). Has no dipeptidyl aminopeptidase activity (Probable).

**Cellular Location**

Cell membrane; Single-pass type II membrane protein

**Tissue Location**

Detected in brain cortex (at protein level) (PubMed:22311982). Expressed in the brain, predominantly by neurons and not by glia.

**DPP10 Blocking Peptide - 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](#)

**DPP10 Blocking Peptide - Images**