

DPP6 antibody - middle region
Rabbit Polyclonal Antibody
Catalog # AI12513**Specification**

DPP6 antibody - middle region - Product Information

Application	WB
Primary Accession	P42658
Other Accession	NM_001039350 , NP_001034439
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Horse, Bovine, Guinea Pig, Dog
Predicted	Human, Mouse, Rat, Rabbit, Zebrafish, Chicken, Horse, Bovine, Guinea Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	91kDa kDa

DPP6 antibody - middle region - Additional Information**Gene ID** 1804**Alias Symbol** DPPX, MGC46605, VF2**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

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-DPP6 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

DPP6 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

DPP6 antibody - middle region - 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).

target="_blank">8103397, PubMed:15476821).

Cellular Location

Cell membrane; Single-pass type II membrane protein

Tissue Location

Expressed predominantly in brain.

DPP6 antibody - middle region - Protocols

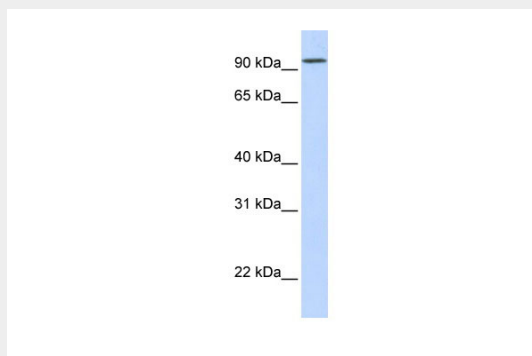
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)

• [Flow Cytometry](#)

• [Cell Culture](#)

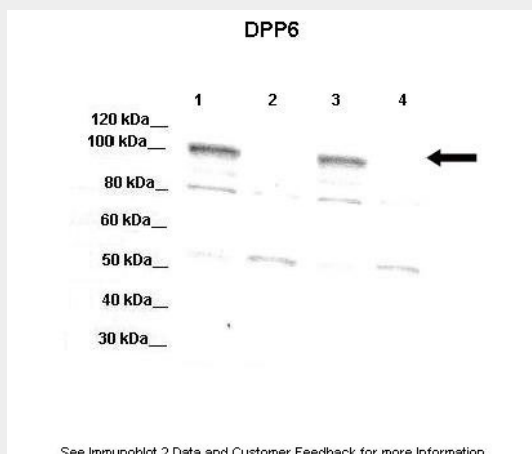
DPP6 antibody - middle region - Images



WB Suggested Anti-DPP6 Antibody Titration: 0.2-1 µg/ml

ELISA Titer: 1:312500

Positive Control: Human Muscle



Lanes: Lane 1: 20ug mouse WT brain extract Lane 2: DPP6 -/- mouse brain extract Lane 3: 20ug mouse WT brain extract 4: DPP6 -/- mouse brain extract

Primary Antibody Dilution: 1:1000

Secondary Antibody: Donkey anti-rabbit-HRP

Secondary Antibody Dilution: 1:10,000

Gene Name: DPP6 a

Submitted by: Jeanne M. Nerbonne, Arvin Soepriatna, Washington University Medical School
Department of Developmental Biology

DPP6 antibody - middle region - References

Uhl, G.R., (2008) Arch. Gen. Psychiatry 65(6), 683-693 Reconstitution and Storage: For short term use, store at -80°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.