

For Research Use Only

# DPP10 Recombinant antibody

Catalog Number: 84127-2-RR



## Basic Information

Catalog Number:

84127-2-RR

Size:

1000 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG3231

GenBank Accession Number:

BC030832

GeneID (NCBI):

57628

UNIPROT ID:

Q8N608

Full Name:

dipeptidyl-peptidase 10

Calculated MW:

796 aa, 91 kDa

Observed MW:

91 kDa

Purification Method:

Protein A purification

CloneNo.:

241446A5

Recommended Dilutions:

WB 1:5000-1:50000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

## Applications

Tested Applications:

WB, IP, ELISA

Species Specificity:

human, mouse, rat, pig

Positive Controls:

WB : mouse brain tissue, rat brain tissue

IP : pig brain tissue,

## Background Information

DPP10 is a single-pass type II membrane protein that is a member of the S9B family in clan SC of the serine proteases. DPP10 is an inactive peptidase that modulates the electrophysiological properties, cell-surface expression and subcellular localization of voltage-gated potassium channels.

## Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

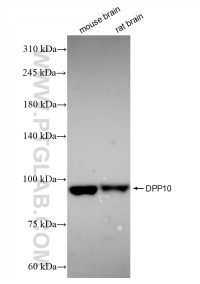
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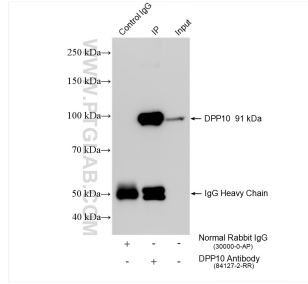
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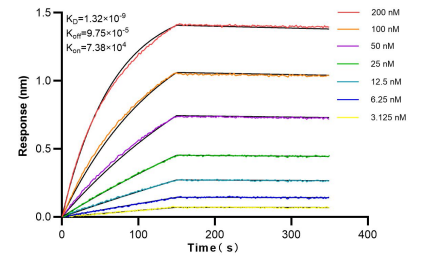
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84127-2-RR (DPP10 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



IP result of anti-DPP10 (IP:84127-2-RR, 4ug; Detection:84127-2-RR 1:1000) with pig brain tissue lysate 1240 ug.



Bi-layer interferometry (BLI) kinetic assays of 84127-2-RR against Human DPP10 were performed. The affinity constant is 1.32 nM.