

For Research Use Only

DPP10 Recombinant antibody

Catalog Number: 84127-2-RR



Basic Information

Catalog Number: 84127-2-RR	GenBank Accession Number: BC030832	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 57628	CloneNo.: 241446A5
Source: Rabbit	UNIPROT ID: Q8N608	Recommended Dilutions: WB 1:5000-1:50000 IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate
Isotype: IgG	Full Name: dipeptidyl-peptidase 10	
Immunogen Catalog Number: AG3231	Calculated MW: 796 aa, 91 kDa	
	Observed MW: 91 kDa	

Applications

Tested Applications: WB, IP, ELISA	Positive Controls:
Species Specificity: human, mouse, rat, pig	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

*** 20ul sizes contain 0.1% BSA

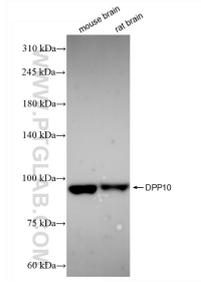
For technical support and original validation data for this product please contact:

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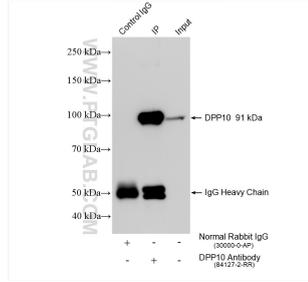
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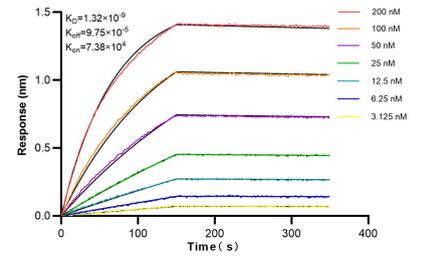
Selected Validation Data



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.



Bioluminescence resonance energy transfer (BRET) kinetic assays of 84127-2-RR against Human DPP10 were performed. The affinity constant is 1.32 nM.