

For Research Use Only

PJA1 Recombinant monoclonal antibody

Catalog Number: 86892-1-RR



Basic Information

Catalog Number: 86892-1-RR	GenBank Accession Number: BC075803	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 64219	CloneNo.: 251875A3
Source: Rabbit	UNIPROT ID: Q8NG27	Recommended Dilutions: WB: 1:2000-1:10000
Isotype: IgG	Full Name: praja ring finger 1	
Immunogen Catalog Number: AG11820	Calculated MW: 643 aa, 71 kDa	
	Observed MW: 70 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : RT-4 cells, K-562 cells, rat brain tissue, mouse cerebellum tissue, rat cerebellum tissue
Species Specificity: human, mouse, rat	

Background Information

PJA1(E3 ubiquitin-protein ligase Praja-1), also named as RNF70, regulates the level of PRC2 (polycomb repressive complex 2) by targeting its free subunits for Ub-mediated proteasomal degradation and it can be involved in protein ubiquitination in the brain and is a suitable candidate gene for MRX(PMID:12036302). The Praja1 protein is unlikely to be a membrane receptor, since it lacks a hydrophobic transmembrane domain(PMID:9393880). It has 3 isoforms produced by alternative splicing with the molecular weight of 71 kDa, 50 kDa and 65 kDa.

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

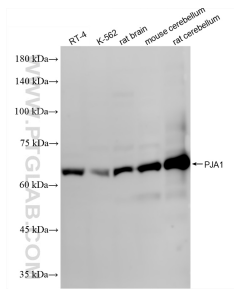
For technical support and original validation data for this product please contact:

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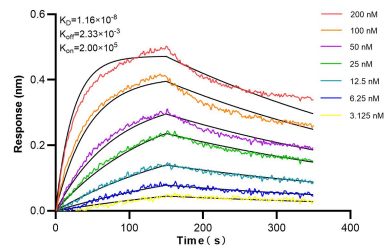
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86892-1-RR (PJA1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 86892-1-RR against Human PJA1 were performed. The affinity constant is 11.6 nM.