

For Research Use Only

PJA1 Recombinant monoclonal antibody, PBS Only

Catalog Number:86892-1-PBS



Basic Information

Catalog Number: 86892-1-PBS	GenBank Accession Number: BC075803	Purification Method: Protein A purification
Source: Rabbit	GeneID (NCBI): 64219	CloneNo.: 251875A3
Isotype: IgG	UNIPROT ID: Q8NG27	
Immunogen Catalog Number: AG11820	Full Name: praja ring finger 1	
	Calculated MW: 643 aa, 71 kDa	
	Observed MW: 70 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

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 -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS only, pH7.3

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

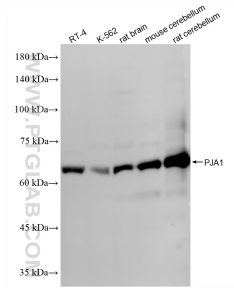
T: 4006900926

E: Proteintech-CN@ptglab.com

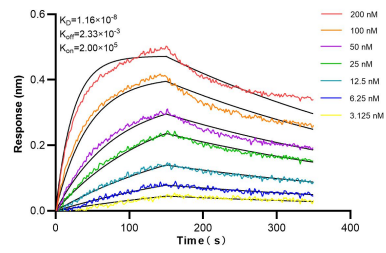
W: ptgcn.com

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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. This data was developed using the same antibody clone with 86892-1-PBS in a different storage buffer formulation.



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