

For Research Use Only

PJA1 Recombinant monoclonal antibody, PBS Only

Catalog Number:86892-1-PBS



Basic Information

Catalog Number:

86892-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG11820

GenBank Accession Number:

BC075803

GeneID (NCBI):

64219

UNIPROT ID:

Q8NG27

Full Name:

praja ring finger 1

Calculated MW:

643 aa, 71 kDa

Observed MW:

70 kDa

Purification Method:

Protein A purification

CloneNo.:

251875A3

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.

Storage Buffer:

PBS only, pH7.3

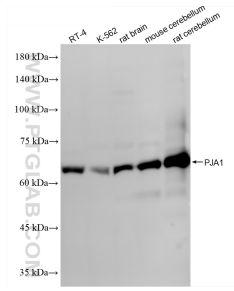
For technical support and original validation data for this product please contact:

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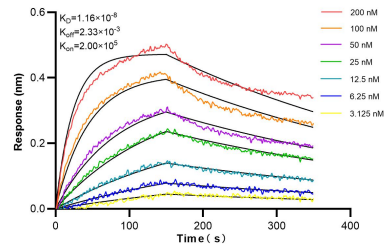
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W: ptglab.com

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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.