For Research Use Only

PJA1 Recombinant monoclonal antibody

Catalog Number:86892-1-RR

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Basic Information

Catalog Number:
86892-1-RR

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

Recommended Dilutions:
WB: 1:2000-1:10000

Applications

Tested Applications:
WB, ELISA

Species Specificity:
human, mouse, rat

Positive Controls:

WB : RT-4 cells, K-562 cells, rat brain tisuue, mouse cerebellum tissue, rat cerebellum tissue

Background Information

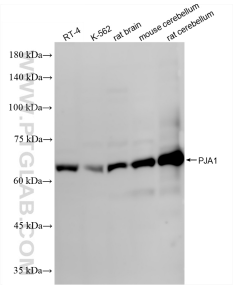
PJA1(E3 ubiquitin-protein ligase Praja-1), also named as RNF70, regulates the level of PRC2 (polycomb repressive complex 2) by targeting its free subunits for Ub-mediated proteasomal degradation and it can be involved in protein ubiquitination in the brain and is a suitable candidate gene for MRX(PMID:12036302). 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

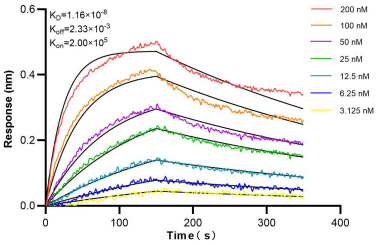
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

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.