

For Research Use Only

PJA1 Polyclonal antibody

Catalog Number: 17687-1-AP

Featured Product

8 Publications



Basic Information

Catalog Number:

17687-1-AP

Size:

600 µg/ml

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:

71-80 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IP 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate

Applications

Tested Applications:

IP, WB, ELISA

Cited Applications:

WB, IF, CoIP

Species Specificity:

human, mouse, rat

Cited Species:

human, rat, mouse

Positive Controls:

WB : mouse brain tissue, rat brain tissue

IP : mouse brain 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.

Notable Publications

Author	Pubmed ID	Journal	Application
Wei Xu	30185588	J Virol	WB
Kazuhiko Watabe	35701899	Neuropathology	CoIP
Toshimitsu Suzuki	32530565	Ann Clin Transl Neurol	WB

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

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

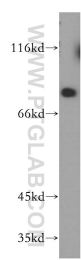
T: 4006900926

E: Proteintech-CN@ptglab.com

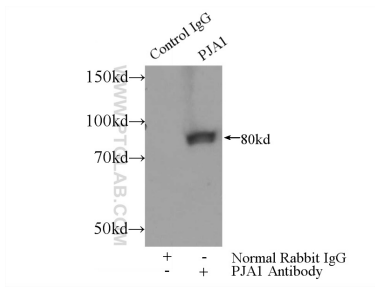
W: ptgcn.com

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Selected Validation Data



mouse brain tissue were subjected to SDS PAGE followed by western blot with 17687-1-AP (PJA1 antibody) at dilution of 1:200 incubated at room temperature for 1.5 hours.



IP result of anti-PJA1 (IP:17687-1-AP, 3ug; Detection:17687-1-AP 1:300) with mouse brain tissue lysate 3600ug.