

For Research Use Only

PJA1 Polyclonal antibody

Catalog Number: 17687-1-AP

Featured Product

8 Publications



Basic Information

Catalog Number: 17687-1-AP	GenBank Accession Number: BC075803	Purification Method: Antigen affinity purification
Size: 150ul, Concentration: 600 µg/ml by Nanodrop and 400 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 64219	Recommended Dilutions: WB 1:500-1:1000 IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate
Source: Rabbit	Full Name: praja ring finger 1	
Isotype: IgG	Calculated MW: 643 aa, 71 kDa	
Immunogen Catalog Number: AG11820	Observed MW: 71-80 kDa	

Applications

Tested Applications: IP, WB, ELISA	Positive Controls:
Cited Applications: CoIP, IF, WB	WB: mouse brain tissue, rat brain tissue
Species Specificity: human, mouse, rat	IP: mouse brain tissue,
Cited Species: human, rat, mouse	

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

*** 20ul sizes contain 0.1% BSA

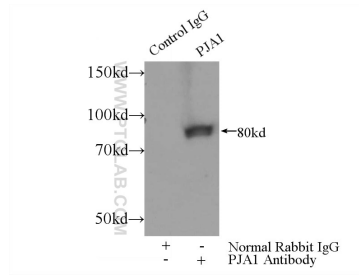
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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.