

Product datasheet for **TA349130**

RNF70 (PJA1) Rabbit Polyclonal Antibody

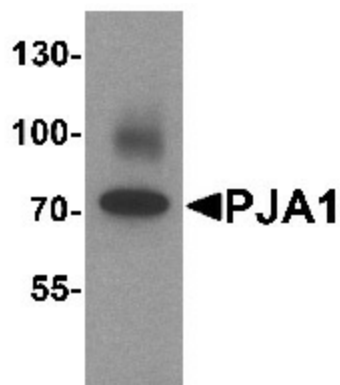
Product data:

Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	WB: 1 - 2 ug/mL, IHC: 5 ug/mL, IF: 20 ug/mL
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	PJA1 antibody was raised against a 19 amino acid peptide near the amino terminus of human PJA1.
Formulation:	PBS containing 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	PJA1 antibody is affinity chromatography purified via peptide column.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	Predicted: 71 kDa; Observed: 71 kDa
Gene Name:	praja ring finger ubiquitin ligase 1
Database Link:	NP_660095 Entrez Gene 64219 Human Q8NG27
Background:	Ubiquitination is an important cellular degradation process requiring sequential reactions that are mediated by three enzymes: E1, E2 and E3. PJA1, also known as Praja1 and RING finger protein 70, is a 643 amino acid E2-dependent E3-ubiquitin ligase that is abundantly expressed in the brain (1,2). Through interaction and activation with the E2-ubiquitin ligase UBC4, PJA1 mediates substrate-specific ubiquitination via its RING finger domain and facilitates ubiquitination (3). Overexpression of PJA1 in gastrointestinal cancers suggests that it may be responsible for the degradation of some anti-oncogenic proteins (4,5).
Synonyms:	BlgR; IGSF4B; Necl-1; NECL1; synCAM3; TSLL1

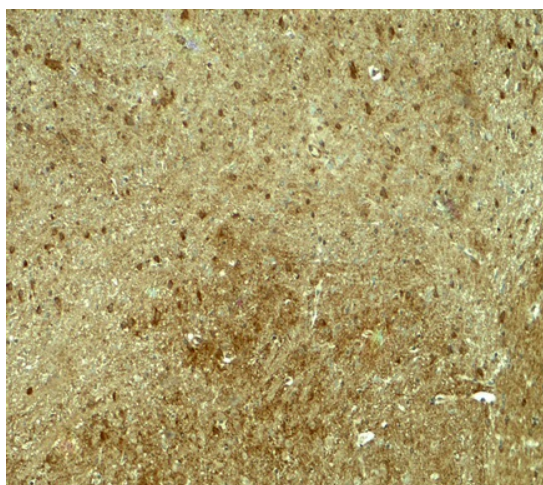


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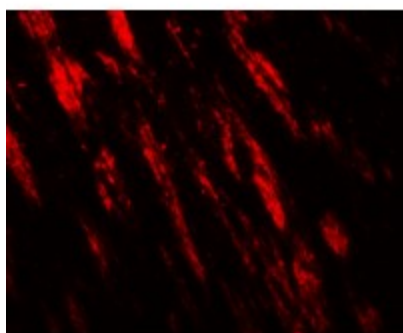
Product images:



Western blot analysis of PJA1 in human brain tissue lysate with PJA1 antibody at 1 ug/mL.



Immunohistochemistry of PJA1 in mouse brain tissue with PJA1 antibody at 5 ug/mL.



Immunofluorescence of PJA1 in mouse brain tissue with PJA1 antibody at 20 ug/mL.