

Datasheet for ABIN6992094  
**anti-PJA1 antibody (N-Term)**



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## Overview

Quantity:	0.1 mg
Target:	PJA1
Binding Specificity:	AA 50-100, N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PJA1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF)

## Product Details

Immunogen:	PJA1 antibody was raised against a 19 amino acid peptide near the amino terminus of human PJA1. The immunogen is located within amino acids 50 - 100 of PJA1.
Isotype:	IgG
Specificity:	PJA1 antibody is human, mouse and rat reactive. At least two isoforms of PJA1 are known to exist, this antibody will detect both isoforms.
Purification:	PJA1 antibody is affinity chromatography purified via peptide column.

## Target Details

Target:	PJA1
Alternative Name:	PJA1 ( <a href="#">PJA1 Products</a> )

## Target Details

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).
Molecular Weight:	Predicted: 71 kDa  Observed: 71 kDa
Gene ID:	64219
NCBI Accession:	<a href="#">NP_660095</a>
UniProt:	<a href="#">Q8NG27</a>

## Application Details

Application Notes:	PJA1 antibody can be used for detection of PJA1 by Western blot at 0.25 - 0.5 µg/mL. Antibody can also be used for immunohistochemistry starting at 5 µg/mL. For immunofluorescence start at 20 µg/mL.  Antibody validated: Western Blot in human samples, Immunohistochemistry in mouse samples and Immunofluorescence in mouse samples. All other applications and species not yet tested.
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PJA1 antibody is supplied in PBS containing 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C, 4 °C

## Handling

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Storage Comment: PJA1 antibody can be stored at 4°C for three months and -20°C, stable for up to one year.