

Datasheet for ABIN954154
anti-PJA1 antibody (N-Term)

2 Images

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Overview

Quantity:	0.4 mL
Target:	PJA1
Binding Specificity:	AA 154-183, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PJA1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 154-183 amino acids from the N-terminal region of human PJA / RNF70
Isotype:	Ig Fraction
Specificity:	This antibody recognizes Human PJA1 / RNF70 (N-term).
Purification:	Protein A column, followed by peptide affinity purification

Target Details

Target:	PJA1
Alternative Name:	PJA1 / RNF70 (PJA1 Products)

Target Details

Background: This gene encodes an enzyme that has E2-dependent E3 ubiquitin-protein ligase activity. This enzyme belongs to a class of ubiquitin ligases that include a RING finger motif, and it can interact with the E2 ubiquitin-conjugating enzyme UbcH5B. This gene is located in an area of chromosome X where several X-linked mental retardation disorders have been associated, and it has also been found as part of a contiguous gene deletion associated with craniofrontonasal syndrome, though a direct link to any disorder has yet to be demonstrated. Alternative splicing results in multiple transcript variants. Synonyms: E3 ubiquitin-protein ligase Praja-1, Praja-1, Praja1, RING finger protein 70

Molecular Weight: 71002 Da

Gene ID: 64219

NCBI Accession: [NP_071763](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.25 mg/mL

Buffer: PBS containing 0.09 % (W/V) Sodium Azide as preservative

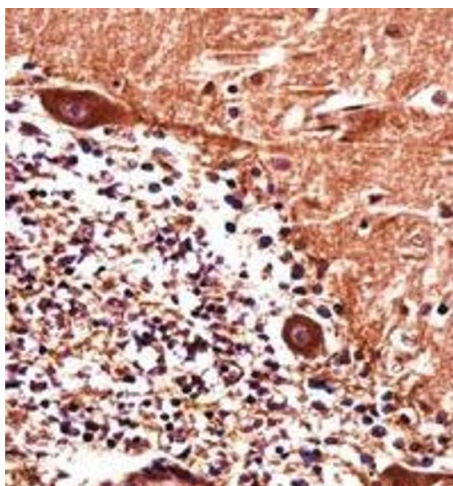
Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freezing and thawing.

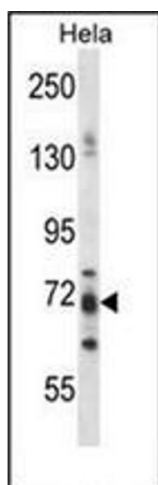
Storage: 4 °C/-20 °C

Storage Comment: Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry analysis in formalin fixed and paraffin embedded human cerebellum tissue reacted with PJA1 / RNF70 Antibody (N-term) followed which was peroxidase conjugated to the secondary antibody and followed by DAB staining. This data demonstrates the use of PJA1 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



Western Blotting

Image 2. Western blot analysis of PJA1 / RNF70 Antibody (N-term) in HeLa cell line lysates (35ug/lane). This demonstrates the PJA1 antibody detected the PJA1 protein (arrow).