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Datasheet for ABIN1401863

anti-PJA2 antibody (AA 420-470) (Alexa Fluor 555)

Overview

Quantity:	100 µL
Target:	PJA2
Binding Specificity:	AA 420-470
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PJA2 antibody is conjugated to Alexa Fluor 555
Application:	Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human PJA2/RNF131
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

Target Details

Target:	PJA2
Alternative Name:	RNF131 (PJA2 Products)
Background:	Synonyms: E3 ubiquitin protein ligase Praja2, E3 ubiquitin-protein ligase Praja-2, KIAA0438, Neurodap 1, Neurodap1, PJA 2, PJA2, PJA2_HUMAN, Praja 2, Praja 2 RING H2 mot containing,

Target Details

pjra ring finger 2, Praja ring finger 2 E3 ubiquitin protein ligase, Praja2, RING finger protein 131, RNF 131, RNF131.

Background: PJA2, also known as E3 ubiquitin-protein ligase praja-2, RNF131 (ring finger protein 131) or Neurodap1, is a 708 amino acid protein that contains one ring-type zinc finger and exists as two alternatively spliced isoforms. Significantly conserved in chimpanzee, dog, cow, mouse, rat, chicken and zebrafish, PJA2 shares 52 % identity with PJA1, which is involved in protein ubiquitination in brain and may play a role in X-linked mental retardation. Encoded by a gene that maps to human chromosome 5q21.3, PJA2 localizes to both endoplasmic reticulum and Golgi apparatus membranes. Participating in E2-dependent, E3 ubiquitin-protein ligase activity, PJA2 binds to a variety of E2s and interacts with ubiquitin-conjugating enzymes, such as UBE2D2, in vitro.

Gene ID: 9867

UniProt: [O43164](#)

Application Details

Application Notes: IF(IHC-P) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

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

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months