

Datasheet for ABIN6259239

**anti-PJA2 antibody****2** Images[Go to Product page](#)

## Overview

Quantity:	100 µL
Target:	PJA2
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PJA2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunocytochemistry (ICC)

## Product Details

Immunogen:	A synthesized peptide
Isotype:	IgG
Specificity:	PJA2 Antibody detects endogenous levels of total PJA2
Cross-Reactivity:	Human
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

## Target Details

Target:	PJA2
Alternative Name:	PJA2 ( <a href="#">PJA2 Products</a> )
Background:	Description: Has E2-dependent E3 ubiquitin-protein ligase activity. Responsible for

## Target Details

ubiquitination of cAMP-dependent protein kinase type I and type II-alpha/beta regulatory subunits and for targeting them for proteasomal degradation. Essential for PKA-mediated long-term memory processes.

Gene: PJA2

Molecular Weight: 85 kDa

Gene ID: 9867

UniProt: [O43164](#)

## Application Details

Application Notes: WB 1:500~1:1000, IF/ICC 1:100-1:500

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.

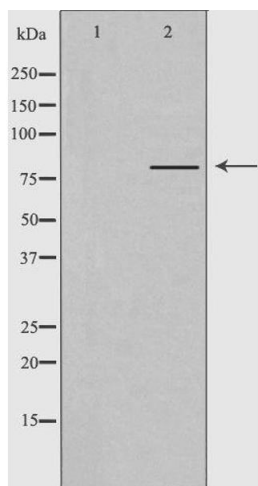
Preservative: Sodium azide

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

Storage: -20 °C

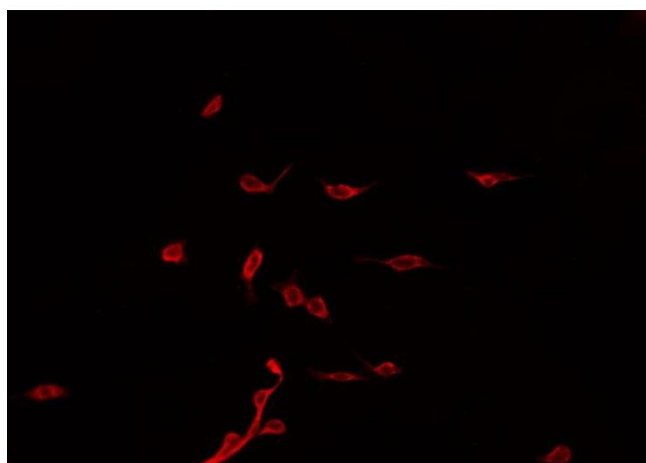
Storage Comment: Store at -20 °C.Stable for 12 months from date of receipt

Expiry Date: 12 months



### Western Blotting

**Image 1.** Western blot analysis of extracts from Jurkat cells, using PJA2 antibody.



### Immunofluorescence (fixed cells)

**Image 2.** ABIN6275090 staining HeLa by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37°C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.