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Datasheet for ABIN7075196

anti-PRR14 antibody

2 Images

Overview

Quantity:	100 µL
Target:	PRR14
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PRR14 antibody is un-conjugated
Application:	Immunofluorescence (IF), Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant protein corresponding to Mouse PRR14
Cross-Reactivity:	Rat
Purification:	Affinity purification

Target Details

Target:	PRR14
Alternative Name:	PRR14 (PRR14 Products)
Background:	PRR14 (proline-rich protein 14) is a 585-amino acid protein with a calculated molecular weight of 64 kDa. This protein functions to tether heterochromatin to the nuclear periphery during interphase, through associations with heterochromatin protein 1 (HP1) and the nuclear lamina. After disassembly early in mitosis, PRR14 reassembles in two steps, first binding to anaphase chromosomes through HP1, followed by association with the nuclear lamina in telophase.

Target Details

PRR14 may thereby play a role in specifying HP1-bound heterochromatin for reattachment to the nuclear lamina at mitotic exit.

Gene ID: 233895

UniProt: [Q7TPN9](#)

Application Details

Application Notes: IHC/IF (M,R) 1:1600-1:3200

Restrictions: For Research Use only

Handling

Format: Liquid

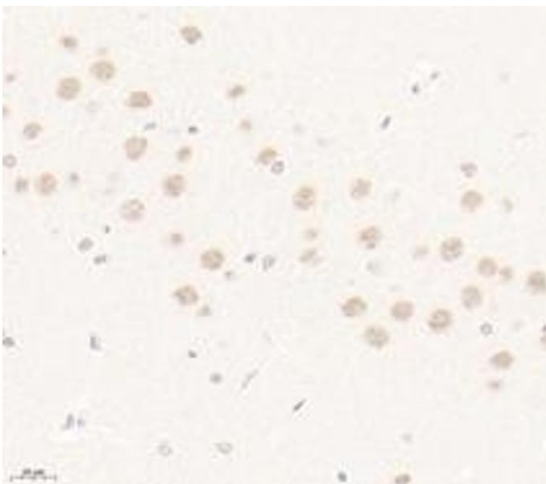
Buffer: PBS, pH 7.4, 0.02 % sodium azide

Preservative: Sodium azide

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

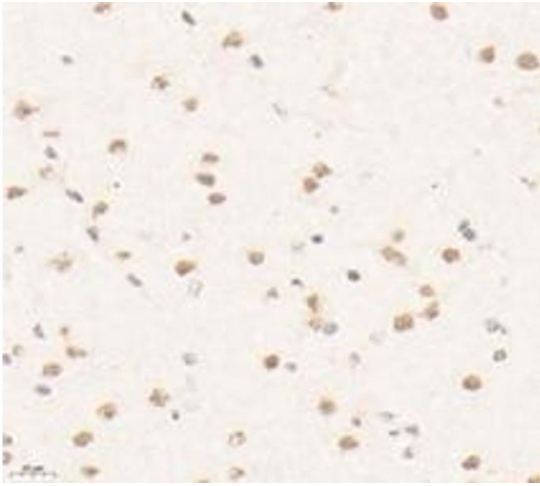
Storage: -20 °C

Images



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry analysis of paraffin-embedded rat brain using, PRR14 (ABIN7075196) at dilution of 1: 3200



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Immunohistochemistry analysis of paraffin-embedded mouse brain using, PRR14 (ABIN7075196) at dilution of 1: 3200