

Datasheet for ABIN7453156
anti-PARD3 antibody (AA 1306-1356)



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Overview

Quantity:	100 µg
Target:	PARD3
Binding Specificity:	AA 1306-1356
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PARD3 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	Rabbit anti-PARD3 Antibody, Affinity Purified
Immunogen:	Between AA 1306 and 1356
Isotype:	IgG
Predicted Reactivity:	Rat
Purification:	Affinity Purified

Target Details

Target:	PARD3
Alternative Name:	PARD3 (PARD3 Products)
Background:	Background: Partitioning defective 3 homolog (Par3) is an adapter protein involved in

Target Details

asymmetrical cell division and cell polarization processes. It seems to play a central role in the formation of epithelial tight junctions and targets the phosphatase PTEN to cell junctions (By similarity). Par3 association with PARD6B may prevent the interaction of PARD3 with F11R/JAM1, thereby preventing tight junction assembly. The PARD6-PARD3 complex links GTP-bound Rho small GTPases to atypical protein kinase C proteins. Par3 is required for establishment of neuronal polarity and normal axon formation in cultured hippocampal neurons [taken from the Universal Protein Resource (UniProt) Q8TEW0].

Gene ID: 56288

NCBI Accession: [NP_062565](#)

UniProt: [Q8TEW0](#)

Pathways: [Cell-Cell Junction Organization](#)

Application Details

Application Notes: IP: Not recommended
WB: 1:2,000 - 1:10,000

Restrictions: For Research Use only

Handling

Concentration: 1000 µg/mL

Buffer: Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09 % 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: 4 °C

Expiry Date: 12 months