

Datasheet for ABIN7117224 **anti-PARD3 antibody**



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Overview

Quantity:	100 µg
Target:	PARD3
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PARD3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Flow Cytometry (FACS), Immunoprecipitation (IP)

Product Details

Immunogen:	Partitioning defective 3 homolog
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

Target Details

Target:	PARD3
Alternative Name:	PARD3 (PARD3 Products)
Background:	Synonyms:ASIP, Baz, Bazooka, CTCL tumor antigen se2 5, FLJ21015, PAR 3, PAR3, PAR3 alpha, PAR3A, PAR3alpha, PARD 3, PARD3, PARD3A, SE2 5L16, SE2 5LT1, SE2 5T2 Background:Adapter protein involved in asymmetrical cell division and cell polarization

Target Details

processes. Seems to play a central role in the formation of epithelial tight junctions. Targets the phosphatase PTEN to cell junctions. Involved in Schwann cell peripheral myelination (By similarity). 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. Required for establishment of neuronal polarity and normal axon formation in cultured hippocampal neurons. PARD3 has three splice isoforms at 100 kDa, 150 kDa, and 180 kDa. This polyclonal antibody raised against C-terminal 281 amino acids of human PARD3 recognizes these three isoforms.

Molecular Weight: 100 kDa, 150 kDa, and 180 kDa

Gene ID: 56288

UniProt: [Q8TEW0](#)

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

Application Details

Application Notes: WB: 1:500-1:1000, IP: 1:200-1:1000, IHC: 1:50-1:200, IF: 1:50-1:500

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,

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: -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Expiry Date: 12 months