

Datasheet for ABIN681724

anti-PARD3 antibody (AA 1201-1356) (Cy7)[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	PARD3
Binding Specificity:	AA 1201-1356
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PARD3 antibody is conjugated to Cy7
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human PARD-3
Isotype:	IgG
Cross-Reactivity:	Human
Predicted Reactivity:	Mouse,Rat,Dog,Cow,Pig,Chicken,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	PARD3
Alternative Name:	PARD-3 (PARD3 Products)

Target Details

Background:	Synonyms: Baz, ASIP, PAR3, PARD-3, PARD3A, SE2-5T2, PPP1R118, SE2-5L16, SE2-5LT1, PAR3alpha, Partitioning defective 3 homolog, PAR-3, Atypical PKC isotype-specific-interacting protein, CTCL tumor antigen se2-5, PAR3-alpha, PARD3, PAR3A Background: Adapter protein involved in asymmetrical cell division and cell polarization 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.
Gene ID:	56288
UniProt:	Q8TEW0
Pathways:	Cell-Cell Junction Organization

Application Details

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