Datasheet for ABIN681718

anti-PARD3 antibody (AA 1201-1356)

2 Images

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Overview

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

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

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Target Details

Alternative Name:	PARD-3 (PARD3 Products)
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:	WB 1:300-5000
	ELISA 1:500-1000
	IHC-P 1:200-400
	IHC-F 1:100-500
	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:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % 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.

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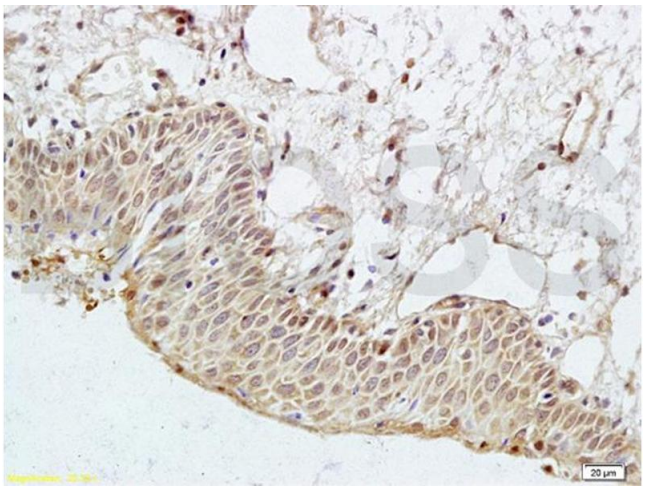
Handling

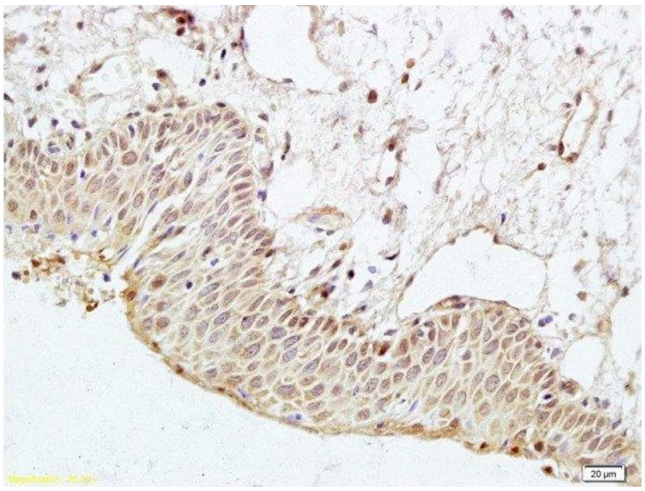
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

Images



Immunohistochemistry

Image 1. Formalin-fixed and paraffin embedded human cervical cancer labeled with Anti-PAR3 Polyclonal Antibody, Unconjugated (ABIN681718) at 1:200 followed by conjugation to the secondary antibody and DAB staining



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Formalin-fixed and paraffin embedded human cervical cancer labeled with Anti-PAR3 Polyclonal Antibody, Unconjugated at 1:200 followed by conjugation to the secondary antibody and DAB staining

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