

anti- PARD3 antibody

Product Information

Catalog No.:	FNab06146
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

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. 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.

Immunogen information

Immunogen:	Partitioning defective 3 homolog
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
Observed MW:	100 kDa, 150 kDa, and 180 kDa
UniprotID :	Q8TEW0

Wuhan Fine Biotech Co., Ltd.

B9 Bld, High-Tech Medical Devices Park, No. 818 Gaoxin Ave. East Lake High-Tech Development Zone. Wuhan, Hubei, China (430206)

Tel : (0086)027-87384275

Fax: (0086)027-87800889 www.fn-test.com

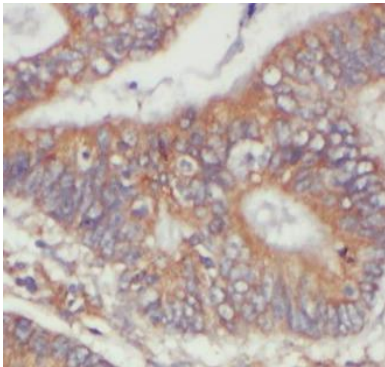
Application

Reactivity: Human, Mouse, Rat

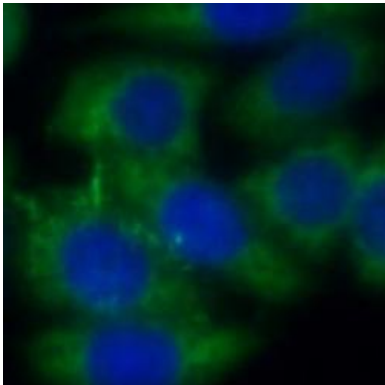
Tested Application: ELISA, WB, IHC, FC, IP

Recommended dilution: WB: 1:500-1:1000; IP: 1:200-1:1000; IHC: 1:50-1:200; IF: 1:50-1:500

Image:



Immunohistochemistry of paraffin-embedded human colon cancer using FNab06146(PARD3 antibody) at dilution of 1:50



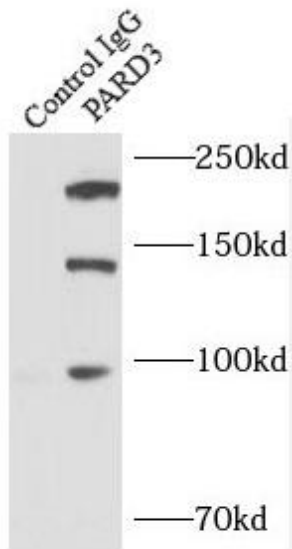
Immunofluorescent analysis of fixed MCF-7 cells using FNab06146 (PARD3 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated Goat Anti-Rabbit IgG(H+L)

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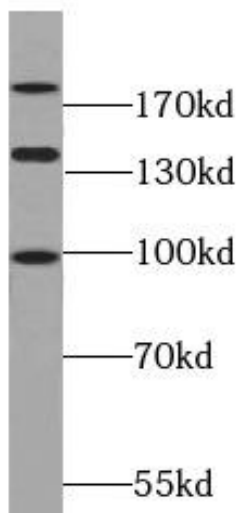
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IP Result of anti-PARD3 (IP:FNab06146, 4ug;
Detection:FNab06146 1:200) with MCF-7 cells
lysate 2900ug.



MCF7 cells were subjected to SDS PAGE
followed by western blot with FNab06146(PARD3
antibody) at dilution of 1:500