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anti-PARD6B antibody (AA 253-372)

3 Images



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Quantity:	100 μL
Target:	PARD6B
Binding Specificity:	AA 253-372
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PARD6B antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Partitioning defective 6 homolog beta protein (253-372AA)	
Isotype:	IgG	
Cross-Reactivity:	Human	
Purification:	Antigen Affinity Purified	

Target Details

Target:	PARD6B
Alternative Name:	PARD6B (PARD6B Products)
Background:	Background: Adapter protein involved in asymmetrical cell division and cell polarization
	processes. Probably involved in formation of epithelial tight junctions. Association with PARD3

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.

Aliases: PARD6B antibody, PAR6BPartitioning defective 6 homolog beta antibody, PAR-6 beta antibody, PAR-6B antibody

UniProt: Q9BYG5

Pathways: Cell-Cell Junction Organization

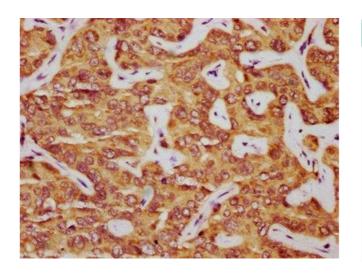
Application Details

Application Notes:	Recommended dilution: IHC:1:20-1:500, IF:1:50-1:200,	
Restrictions:	For Research Use only	

Handling

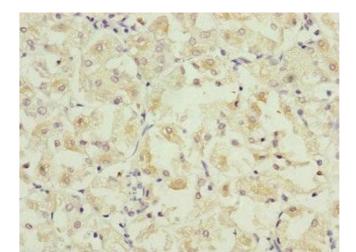
Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

Images



Immunohistochemistry

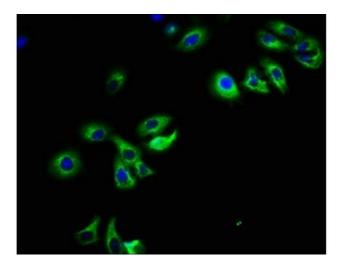
Image 1. IHC image of ABIN7162667 diluted at 1:325 and staining in paraffin-embedded human liver cancer performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and



visualized using an HRP conjugated SP system.

Immunohistochemistry

Image 2. Immunohistochemistry of paraffin-embedded human gastric cancer using ABIN7162667 at dilution of 1:100



Immunofluorescence

Image 3. Immunofluorescence staining of HepG2 cells with ABIN7162667 at 1:108, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L).