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Pard6b Antibody - N-terminal region

Rabbit Polyclonal Antibody
Catalog # AI12186

Product Information

Application	WB
Primary Accession	Q9JK83
Other Accession	NM_021409, NP_067384
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Dog, Guinea Pig, Horse, Bovine
Predicted	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Dog, Guinea Pig, Horse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	41067

Additional Information

Gene ID	58220
Alias Symbol	AV025615, Par6b
Other Names	Partitioning defective 6 homolog beta, PAR-6 beta, PAR-6B, Pard6b, Par6b
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 &mu, l of distilled water. Final Anti-Pard6b antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at -20°C. Avoid repeat freeze-thaw cycles.
Precautions	Pard6b Antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

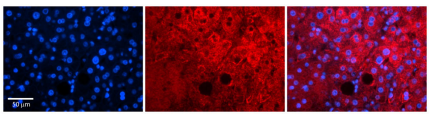
Name	Pard6b
Synonyms	Par6b
Function	Adapter protein involved in asymmetrical cell division and cell polarization processes. Probably involved in formation of epithelial tight junctions. Association with PARD3 may prevent the interaction of PARD3 with F11R/JAM1, thereby preventing tight junction assembly. The PARD6-PARD3 complex links GTP-bound Rho small GTPases to atypical protein kinase C proteins.
Cellular Location	Cytoplasm. Cell membrane. Cell junction, tight junction. Note=Colocalizes with active form of CDC42 or RAC1 at membrane ruffles. Also localizes to tight

junctions

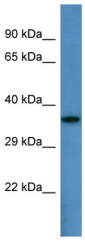
Tissue Location

Expressed in pancreas and in both adult and fetal kidney. Weakly expressed in placenta and lung. Not expressed in other tissues

Images



Rabbit Anti-Pard6b Antibody
Formalin Fixed Paraffin Embedded Tissue: Human Adult liver Observed Staining: Cytoplasmic,Membrane
Primary Antibody
Concentration: 1:600
Secondary Antibody: Donkey anti-Rabbit-Cy2/3
Secondary Antibody
Concentration: 1:200
Magnification: 20X
Exposure Time: 0.5 â€“ 2.0 sec
Protocol located in Reviews and Data.



Host: Rabbit
Target Name: Pard6b
Sample Tissue: Mouse Heart lysates
Antibody Dilution: 1.0µg/ml

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.