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## anti-PARD6B antibody (N-Term)





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Quantity:	100 μL
Target:	PARD6B
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PARD6B antibody is un-conjugated
Application:	Western Blotting (WB)
Product Details	
Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human PARD6B
Immunogen: Sequence:	
	PARD6B
Sequence:	PARD6B  MNRSHRHGAG SGCLGTMEVK SKFGAEFRRF SLERSKPGKF EEFYGLLQHV  Cow: 100%, Dog: 79%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit:
Sequence: Predicted Reactivity:	PARD6B  MNRSHRHGAG SGCLGTMEVK SKFGAEFRRF SLERSKPGKF EEFYGLLQHV  Cow: 100%, Dog: 79%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 79%  This is a rabbit polyclonal antibody against PARD6B. It was validated on Western Blot using a
Sequence:  Predicted Reactivity:  Characteristics:	PARD6B  MNRSHRHGAG SGCLGTMEVK SKFGAEFRRF SLERSKPGKF EEFYGLLQHV  Cow: 100%, Dog: 79%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 79%  This is a rabbit polyclonal antibody against PARD6B. It was validated on Western Blot using a cell lysate as a positive control.

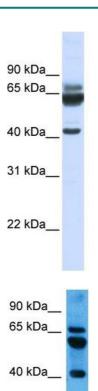
### **Target Details**

Alternative Name:	PARD6B (PARD6B Products)	
Background:	This gene is a member of the PAR6 family and encodes a protein with a PSD95/Discs-	
	large/ZO1 (PDZ) domain, an OPR domain and a semi-Cdc42/Rac interactive binding (CRIB)	
	domain. This cytoplasmic protein is involved in asymmetrical cell division and cell polarization	
	processes as a member of a multi-protein complex. This gene is a member of the PAR6 family	
	and encodes a protein with a PSD95/Discs-large/ZO1 (PDZ) domain, an OPR domain and a	
	semi-Cdc42/Rac interactive binding (CRIB) domain. This cytoplasmic protein is involved in	
	asymmetrical cell division and cell polarization processes as a member of a multi-protein	
	complex.	
	Alias Symbols: PAR6B	
	Protein Interaction Partner: CEP76, GMCL1, RHOJ, PRKCI, GOLGA2, CDC42, CRB3, WDR83,	
	NPM1, UBC, APP, PRKCZ, PARD6G, PARD3, PARD6A, YWHAH, LLGL1, LLGL2, DMBT1, PARD3B	
	MPP5, RHOQ, PNMA1, HTRA1, RAC1, YWHAB, YWHAZ, TCP10, PRKCG,  Protein Size: 372	
Molecular Weight:		
<u> </u>	41 kDa	
Gene ID:	84612	
NCBI Accession:	NM_032521, NP_115910	
UniProt:	Q9BYG5	
Pathways:	Cell-Cell Junction Organization	
Application Details		
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.	
Comment:	Antigen size: 372 AA	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Concentration:	Lot specific	
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 %	
	sucrose.	
Preservative:	Sodium azide	

#### Handling

Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

#### **Images**



29 kDa\_

22 kDa

#### **Western Blotting**

**Image 1.** WB Suggested Anti-PARD6B Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: 721\_B cell lysate PARD6B is strongly supported by BioGPS gene expression data to be expressed in Human 721\_B cells

#### **Western Blotting**

Image 2. Host: Mouse Target Name: PARD6B Sample Tissue: Mouse Brain Antibody Dilution: 1ug/ml