

Rabbit anti-Human PAR6G Polyclonal Antibody | anti-PARD6G antibody

PAR6G Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287154	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

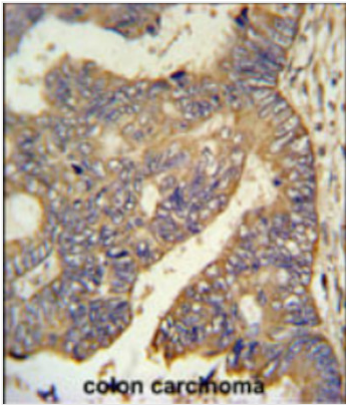
PRODUCT SYNONYMS

PAR6G; Polyclonal Antibody; PAR6G Antibody (N-term); Partitioning defective 6 homolog gamma; PAR-6 gamma; PAR6D; PARD6G; anti-PARD6G antibody

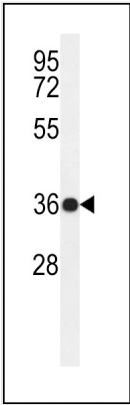
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	This PAR6G antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 18-47 amino acids from the N-terminal region of human PAR6G
Purity/Purification	This antibody is purified through a protein A column, followed by peptide affinity purification.
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Sequence Positions	18-47
Sequence Length	107
Applicable Applications for anti-PARD6G antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Function	Adapter protein involved in asymmetrical cell division and cell polarization processes. May play a role in the formation of epithelial tight junctions. The PARD6-PARD3 complex links GTP-bound Rho small GTPases to atypical protein kinase C proteins (By similarity).
Cellular Location	Cytoplasm. Cell membrane. Cell junction, tight junction
Tissue Location	Widely expressed, with a higher expression in fetal and adult kidney
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
PAR6G Antibody (N-term) IHC analysis in formalin fixed and paraffin embedded human colon carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the PAR6G Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of PAR6G Antibody (N-term) in ZR-75-1 cell line lysates (35ug/lane). PAR6G (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-PARD6G antibody	PAR6G involved in asymmetrical cell division and cell polarization processes. PAR6G may play a role in the formation of epithelial tight junctions. The PARD6-PARD3 complex links GTP-bound Rho small GTPases to atypical protein kinase C proteins.
Product Categories/Family for anti-PARD6G antibody	Cancer; Cell Biology; Signal transduction
References	Brajenovic, M., et al. J. Biol. Chem. 279(13):12804-12811(2004) Kohjima, M., et al. Biochem. Biophys. Res. Commun. 299(4):641-646(2002) Suzuki, A., et al. J. Cell Biol. 152(6):1183-1196(2001)

NCBI AND UNIPROT INFORMATION

NCBI GI #	14210518
NCBI GeneID	84552
NCBI Accession #	NP_115899.1
NCBI GenBank Nucleotide #	NM_032510.3
UniProt Accession #	Q9BYG4; A8QM57
Molecular Weight	40883
NCBI Official Full Name	partitioning defective 6 homolog gamma
NCBI Official Synonym Full Names	par-6 family cell polarity regulator gamma
NCBI Official Symbol	PARD6G
NCBI Official Synonym Symbols	PAR-6G; PAR6gamma
NCBI Protein Information	partitioning defective 6 homolog gamma
UniProt Protein Name	Partitioning defective 6 homolog gamma
UniProt Gene Name	PARD6G
UniProt Synonym Gene Names	PAR6G; PAR-6 gamma
UniProt Entry Name	PAR6G_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/par6g-antibody-immunohistochemistry-western-blot-elisa/287154>