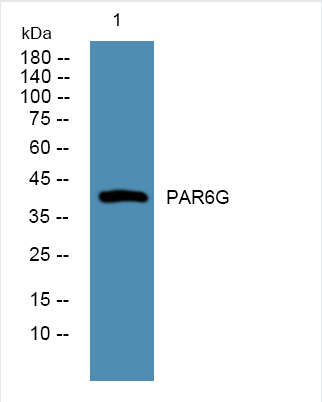
PAR6G Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	PAR6G, Polyclonal Antibody
Full Product Name	PAR6G Rabbit Polyclonal Antibody
Product Gene Name	anti-PAR6G antibody
Product Synonym Gene Name	PARD6G
Product Synonym Names	BH6842; Partitioning defective 6 homolog gamma (PAR-6 gamma)(PAR6D)
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration	1mg/ml (lot specific)
Specificity	PAR6G Polyclonal Antibody detects endogenous levels of protein.
Preparation and Storage	Store at -20 degree C/1 year
Molecular Weight	40,883 Da
Chromosome Location	Chromosome: 18; NC_000018.9 (77915115..78005397, complement). Location: 18q23
OMIM	608976
3D Structure	ModBase 3D Structure for Q9BYG4
Immunogen	Synthesized peptide derived from human protein. at AA range: 240-320
Modification	Unmodified/Total
Applications Tested/Suitable for anti-PAR6G antibody	Western Blot (WB), ELISA (EIA)
Application Notes for anti-PAR6G antibody	WB: 1:500-2000 ELISA: 1:5000-20000
Related Product Information for anti-PAR6G antibody	MBS9516149 is an antibody targeting PAR6G. Also known as PAR6G Rabbit Polyclonal Antibody. Reactive in Human, Mouse. Host: Rabbit.
Other Notes	Small volumes of anti-PAR6G antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Western Blot (WB) of anti-PAR6G antibody
Western blot analysis of lysates from HCT116 cells, primary antibody was diluted at 1:1000, 4 degree over night

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for PAR6G. It may not necessarily be applicable to this product.

NCBI GI #	30913175
NCBI GeneID	84552
NCBI Accession #	Q9BYG4.1
UniProt Primary Accession #	Q9BYG4
UniProt Secondary Accession #	A8QM57
UniProt Related Accession #	Q9BYG4
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
UniProt Protein Name	Partitioning defective 6 homolog gamma
UniProt Synonym Protein Names	PAR6D
UniProt Gene Name	PARD6G
UniProt Synonym Gene Names	PAR6G; PAR-6 gamma
UniProt Entry Name	PAR6G_HUMAN
NCBI Protein Information	partitioning defective 6 homolog gamma; PAR6D; PAR-6 gamma protein; par-6 partitioning defective 6 homolog gamma
UniProt Comments for PAR6G	PARD6G: 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. Belongs to the PAR6 family. Protein type: Motility/polarity/chemotaxis; Adaptor/scaffold; Cell adhesion Chromosomal Location of Human Ortholog: 18q23 Cellular Component: tight junction; protein complex; plasma membrane; cytosol Molecular Function: protein binding Biological Process: intercellular junction assembly and maintenance; cell division; cell cycle

Research Articles on PAR6G	**1.** Clinical trial of gene-disease association and gene-environment interaction. (HuGE Navigator)
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