



Anti-PARD6A (aa 247-346) polyclonal antibody (DPAB-DC2098)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	This gene is a member of the PAR6 family and encodes a protein with a PSD95/Discs-large/ZO1 (PDZ) domain and a semi-Cdc42/Rac interactive binding (CRIB) domain. This cell membrane protein is involved in asymmetrical cell division and cell polarization processes as a member of a multi-protein complex. The protein also has a role in the epithelial-to-mesenchymal transition (EMT) that characterizes the invasive phenotype associated with metastatic carcinomas. Alternate transcriptional splice variants, encoding different isoforms, have been characterized.
Immunogen	PARD6A (NP_058644, 247 a.a. ~ 346 a.a) partial recombinant protein with GST tag. The sequence is KPANQRNNVVRGASGRLTGPPSAGPGPAEPDSDDSSDLVIENRQPPSSNGLSQGPPCWD LHPGCRHPGTRSSLPSLDDDQGQASSGWGSRIRGDGSGFSL
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Cell lysate), WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	PARD6A par-6 family cell polarity regulator alpha [Homo sapiens (human)]
Official Symbol	PARD6A
Synonyms	PARD6A; par-6 family cell polarity regulator alpha; PAR6; PAR6C; TAX40; PAR-6A; TIP-40; PAR6alpha; partitioning defective 6 homolog alpha; PAR-6 alpha; Tax-interacting protein 40; tax interaction protein 40; partitioning-defective protein 6; partitioning defective-6 homolog alpha; par-6 partitioning defective 6 homolog alpha;
Entrez Gene ID	50855
Protein Refseq	NP_001032358
UniProt ID	Q9NPB6
Chromosome Location	16q22.1
Pathway	Asymmetric localization of PCP proteins; Cell junction organization; Cell-cell junction organization; Endocytosis
Function	GTP-dependent protein binding; Rho GTPase binding; protein binding; protein kinase C binding
