



## 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/Disc-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  
 KPANQRNNVVRGASGRLTGPPSAGPGAEPDSDDDSSDLVIENRQPPSSNGLSQGPPCWD  
 LHPGCRHPGTRSSLPSLDDQGQASSGWGSRIRGDGSGFSL

**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

<b>Gene Name</b>	<a href="#">PARD6A par-6 family cell polarity regulator alpha [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	PARD6A
<b>Synonyms</b>	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;
<b>Entrez Gene ID</b>	<a href="#">50855</a>
<b>Protein Refseq</b>	<a href="#">NP_001032358</a>
<b>UniProt ID</b>	<a href="#">Q9NPB6</a>
<b>Chromosome Location</b>	16q22.1
<b>Pathway</b>	Asymmetric localization of PCP proteins; Cell junction organization; Cell-cell junction organization; Endocytosis
<b>Function</b>	GTP-dependent protein binding; Rho GTPase binding; protein binding; protein kinase C binding