

## Product datasheet for **TA323361**

### PAR6 (PARD6A) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 500-2000 WB positive control: Human fetal muscle tissue
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide peptide corresponding to a region derived from 334-346 amino acids of human par-6 partitioning defective 6 homolog alpha (C. elegans)
Formulation:	PBS pH7.3, 0.05% NaN <sub>3</sub> , 50% glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	37 kDa
Gene Name:	par-6 family cell polarity regulator alpha
Database Link:	<a href="#">NP_001032358</a> <a href="#">Entrez Gene 50855 Human</a> <a href="#">Q9NPB6</a>
Background:	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.



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**Synonyms:** PAR-6A; PAR6; PAR6alpha; PAR6C; TAX40; TIP-40

**Protein Families:** Druggable Genome, Transcription Factors

**Protein Pathways:** Endocytosis, Tight junction

**Product images:**



Gel: 10%SDS-PAGE  
Lysate: 40 µg  
Lane: Human fetal muscle tissue  
Primary antibody: TA323361 (PAR6A Antibody)  
at dilution 1/650  
Secondary antibody: Goat anti rabbit IgG at  
1/8000 dilution  
Exposure time: 30 seconds