

Product datasheet for **AP55139SU-N**

PAR6 (PARD6A) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, IHC, WB
Recommended Dilution:	ELISA. Western Blot: 1/100-1/1000. Immunohistochemistry on Paraffin Sections: 1/50-1/200.
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Synthetic peptides derived from internal domains of PAR-6A protein
Specificity:	Reacts with 38 kDa PAR-6A protein. Cross reacts with proteins from Mouse, Rat and other species.
Formulation:	State: Serum State: Lyophilized serum Preservative: None
Reconstitution Method:	Restore in 0.2 ml distilled water.
Conjugation:	Unconjugated
Storage:	Prior to reconstitution store the antibody at -20°C. Store the reconstituted antibody at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	par-6 family cell polarity regulator alpha
Database Link:	Entrez Gene 50855 Human Q9NPB6



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Background:

PAR6 is a cell membrane protein involved in cell polarization and asymmetrical cell division processes as part of a multi protein complex. It is thought to be involved in the invasive phenotype that is associated with metastatic carcinomas, playing a role in the epithelial to mesenchymal transition (EMT). PAR6 is also thought to be involved in the formation of epithelial tight junctions. PAR6 contains a semi Cdc42/Rac interactive binding (CRIB) domain and a PDZ (PSD95/Discs-large/ZO1) domain, and several different PAR6 isoforms have been identified.

Synonyms:

PAR6A, PAR-6 alpha, PAR-6A, PAR-6, PAR6C, TIP-40