

PAR6 Rabbit mAb
Catalog # AP77863**Specification**

PAR6 Rabbit mAb - Product Information

Application	WB
Primary Accession	Q9NPB6
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	37388

PAR6 Rabbit mAb - Additional Information**Gene ID** 50855**Other Names**
PARD6A**Dilution**
WB~~1/500-1/1000**Format**
Liquid**PAR6 Rabbit mAb - Protein Information****Name** PARD6A**Synonyms** PAR6A**Function**

Adapter protein involved in asymmetrical cell division and cell polarization processes. Probably involved in the formation of epithelial tight junctions. Association with PARD3 may prevent the interaction of PARD3 with F11R/JAM1, thereby preventing tight junction assembly. The PARD6-PARD3 complex links GTP-bound Rho small GTPases to atypical protein kinase C proteins (PubMed:10873802). Regulates centrosome organization and function. Essential for the centrosomal recruitment of key proteins that control centrosomal microtubule organization (PubMed:20719959).

Cellular Location

Cytoplasm. Cell membrane. Cell projection, ruffle. Cell junction, tight junction. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome, centriolar satellite. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome Note=Colocalizes with GTP-bound CDC42 or RAC1 at membrane ruffles and with PARD3 and PRKCI at epithelial tight junctions. Recruited to the centrosome by a microtubule and dynein-dynactin-dependent mechanism

Tissue Location

Expressed in pancreas, skeletal muscle, brain and heart. Weakly expressed in kidney and placenta

PAR6 Rabbit mAb - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

PAR6 Rabbit mAb - Images