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PARD6A / PAR6 Antibody (C-Terminus)

Goat Polyclonal Antibody
Catalog # ALS12200

Specification

PARD6A / PAR6 Antibody (C-Terminus) - Product Information

Application	**IHC**
Primary Accession	Q9NPB6
Reactivity	**Human**
Host	**Goat**
Clonality	**Polyclonal**
Calculated MW	**37kDa KDa**

PARD6A / PAR6 Antibody (C-Terminus) - Additional Information

Gene ID 50855

Other Names
Partitioning defective 6 homolog alpha, PAR-6, PAR-6 alpha, PAR-6A, PAR6C, Tax interaction protein 40, TIP-40, PARD6A, PAR6A

Target/Specificity
Human PARD6A / PAR6. This antibody is expected to recognise both reported isoforms (NP_058644.1; NP_001032358.1).

Reconstitution & Storage
Store at -20°C. Minimize freezing and thawing.

Precautions
PARD6A / PAR6 Antibody (C-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

PARD6A / PAR6 Antibody (C-Terminus) - 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

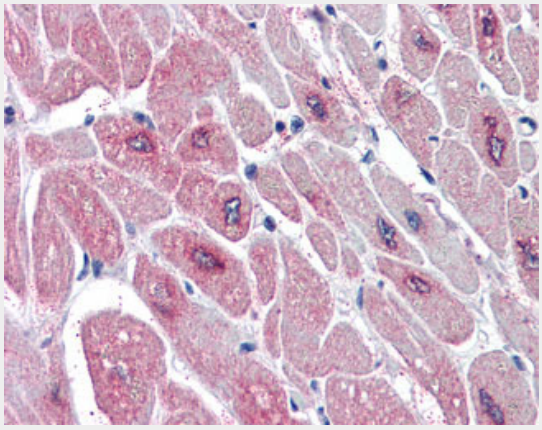
Tissue Location
Expressed in pancreas, skeletal muscle, brain and heart. Weakly expressed in kidney and placenta

PARD6A / PAR6 Antibody (C-Terminus) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

PARD6A / PAR6 Antibody (C-Terminus) - Images



Anti-PARD6A / PAR6 antibody IHC of human heart.

PARD6A / PAR6 Antibody (C-Terminus) - Background

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.

PARD6A / PAR6 Antibody (C-Terminus) - References

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