



PARD3A rabbit pAb

Cat No.:ES3149

For research use only

Overview

Product Name	PARD3A rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF;ELISA
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/20000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human PAR3. AA range:1141-1190
Specificity	PAR3 Polyclonal Antibody detects endogenous levels of PAR3 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Partitioning defective 3 homolog
Gene Name	PAR3
Cellular localization	Cytoplasm . Endomembrane system . Cell junction . Cell junction, tight junction . Cell junction, adherens junction . Cell membrane . Cytoplasm, cell cortex . Cytoplasm, cytoskeleton . Localized along the cell-cell contact region. Colocalizes with PAR6A and PRKCI at epithelial tight junctions. Colocalizes with the cortical actin that overlays the meiotic spindle during metaphase I and metaphase II. Colocalized with SIRT2 in internode region of myelin sheath (By similarity). Presence of KRIT1, CDH5 and RAP1B is required for its localization to the cell junction. .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal

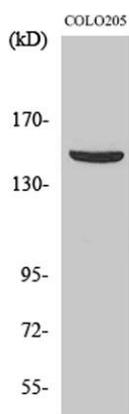




Concentration	1 mg/ml
Observed band	151kD
Human Gene ID	56288
Human Swiss-Prot Number	Q8TEW0
Alternative Names	PARD3; PAR3; PAR3A; Partitioning defective 3 homolog; PAR-3; PARD-3; Atypical PKC isotype-specific-interacting protein; ASIP; CTCL tumor antigen se2-5; PAR3-alpha

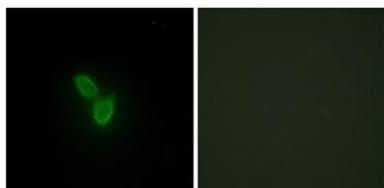
Background

This gene encodes a member of the PARD protein family. PARD family members interact with other PARD family members and other proteins; they affect asymmetrical cell division and direct polarized cell growth. Multiple alternatively spliced transcript variants have been described for this gene. [provided by RefSeq, Oct 2011],



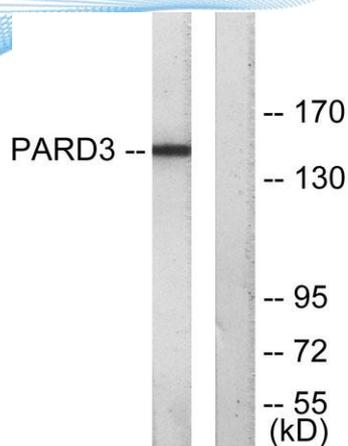
Western Blot analysis of various cells using PARD3A Polyclonal Antibody

Immunofluorescence analysis of HepG2 cells, using PARD3 Antibody. The picture on the right is blocked with the synthesized peptide.

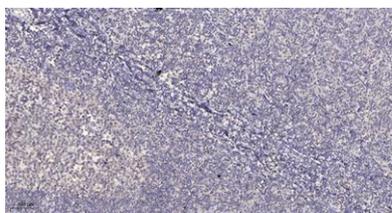




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Western blot analysis of lysates from COLO205 cells, using PARD3 Antibody. The lane on the right is blocked with the synthesized peptide.



Immunohistochemical analysis of paraffin-embedded human tonsil. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 30min).



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