Datasheet for ABIN7598983

anti-PARD3 antibody (AA 1-1346)

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Overview

Quantity:	100 µg
Target:	PARD3
Binding Specificity:	AA 1-1346
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PARD3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF), Flow Cytometry (FACS), Immunocytochemistry (ICC)

Product Details

Purpose:	Anti-PAR-3/PARD3 Antibody Picoband®
Immunogen:	E.coli-derived human PAR-3/PARD3 recombinant protein (Position: M1-Q1346).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-PAR-3/PARD3 Antibody Picoband® (ABIN7598983). Tested in ELISA, Flow Cytometry, IF, IHC, ICC, WB applications. This antibody reacts with Human. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Purification:	Immunogen affinity purified.

Target Details

Target:	PARD3
Alternative Name:	PARD3 (PARD3 Products)
Background:	Synonyms: C-C chemokine receptor type 1,C-C CKR-1,CC-CKR-1,CCR-1,CCR1,Macrophage inflammatory protein 1-alpha receptor,MIP-1alpha-R,RANTES-R,CD191,Ccr1,Cmkbr1, Tissue Specificity: Detected in the heart, spleen, lung, peritoneal exudate cells and leukocytes. Background: Partitioning defective 3 homolog is a protein that in humans is encoded by the PARD3 gene. 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 polarized cell growth. Multiple alternatively spliced transcript variants have been described for this gene.
Molecular Weight:	151 kDa
Gene ID:	56288
Pathways:	Cell-Cell Junction Organization

Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Human Immunohistochemistry(Paraffin-embedded Section), 2-5 µg/mL, Human Immunocytochemistry/Immunofluorescence, 5 µg/mL, Human Flow Cytometry (Fixed), 1-3 µg/1x10^6 cells, Human ELISA, 0.1-0.5 µg/mL, - 1. Chan, J. R., Jolicoeur, C., Yamauchi, J., Elliott, J., Fawcett, J. P., Ng, B. K., Cayouette, M. The polarity protein Par-3 ly interacts with p75(NTR) to regulate myelination. Science 314: 832-836, 2006. 2. Chen, X., An, Y., Gao, Y., Guo, L., Rui, L., Xie, H., Sun, M., Lam Hung, S., Sheng, X., Zou, J., Bao, Y., Guan, H., Niu, B., Li, Z., Finnell, R. H., Gusella, J. F., Wu, B.-L., Zhang, T. Rare deleterious PARD3 variants in the aPKC-binding region are implicated in the pathogenesis of human cranial neural tube defects via disrupting apical tight junction formation. Hum. Mutat. 38: 378-389, 2017. 3. Coureuil, M., Mikaty, G., Miller, F., Lecuyer, H., Bernard, C., Bourdoulous, S., Dumenil, G., Mege, R.-M., Weksler, B. B., Romero, I. A., Couraud, P.-O., Nassif, X. Meningococcal type IV pili recruit the polarity complex to cross the brain endothelium. Science 325: 83-87, 2009.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized

Handling

Reconstitution:	Adding 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL
Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na2HPO4.
Storage:	4 °C,-20 °C
Storage Comment:	At -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freezing and thawing.