

Rabbit PARD3 Polyclonal Antibody | anti-PARD3 antibody

PARD3 Antibody

CATALOG # AAA308165	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot
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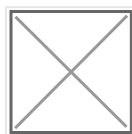
PRODUCT SYNONYMS

PARD3; Polyclonal Antibody; PARD3 Antibody; Partitioning-defective 3 homolog; PARD-3; PAR-3; Atypical PKC isotype-specific-interacting protein; ASIP; anti-PARD3 antibody

PRODUCT SPECIFICATIONS

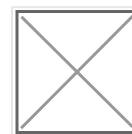
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total PARD3 protein.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	1353
Applicable Applications for anti-PARD3 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human PARD3.
Target Name	PARD3
Preparation and Storage	Store at -20 degree C

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of HepG2 cells, using PARD3 antibody.



WB (Western Blot)

Western blot analysis of extracts from COLO205 cells, using PARD3 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-PARD3 antibody	Adapter protein involved in asymmetrical cell division and cell polarization processes. Seems to play a central role in the formation of epithelial tight junctions. Targets the phosphatase PTEN to cell junctions By similarity. Association with PARD6B 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. Required for establishment of neuronal polarity and normal axon formation in cultured hippocampal neurons.Joberty G., Nat. Cell Biol. 2:531-539(2000).Fang C.M., Cell Res. 11:223-229(2001).Kohjima M., Biochem. Biophys. Res. Commun. 299:641-646(2002).
Product Categories/Family for anti-PARD3 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	296278257
NCBI GeneID	56288
NCBI Accession #	NP_001171714.1
NCBI GenBank Nucleotide #	NM_001184785.1
UniProt Accession #	Q8TEW0; Q5T2U1; Q5VUA2; Q5VUA3; Q5VWV0; Q5VWV1; Q5VWV3; Q5VWV4; Q5VWV5; Q6IQ47; Q8TCZ9; F5H5T0
Molecular Weight	149,695 Da
NCBI Official Full Name	partitioning defective 3 homolog isoform 2
NCBI Official Synonym Full Names	par-3 family cell polarity regulator
NCBI Official Symbol	PARD3
NCBI Official Synonym Symbols	Baz; ASIP; PAR3; PARD-3; PARD3A; SE2-5T2; PPP1R118; SE2-5L16; SE2-5LT1; PAR3alpha
NCBI Protein Information	partitioning defective 3 homolog
UniProt Protein Name	Partitioning defective 3 homolog
UniProt Gene Name	PARD3
UniProt Synonym Gene Names	PAR3; PAR3A; PAR-3; PARD-3; ASIP
UniProt Entry Name	PARD3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/pard3-antibody-immunofluorescence-western-blot-elisa/308165>