

Rabbit MRCKB Polyclonal Antibody | anti-MRCKB antibody

MRCKB Antibody

CATALOG # AAA301171	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

MRCKB; Polyclonal Antibody; MRCKB Antibody; CDC42-binding protein kinase beta; CDC42BPB; EC 2.7.11.1; MRCK-beta; anti-MRCKB antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total MRCKB 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	1711
Applicable Applications for anti-MRCKB antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human MRCKB.
Target Name	MRCKB
Preparation and Storage	Store at -20 degree C

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human brain tissue using MRCKB antibody.



WB (Western Blot)

Western blot analysis of extracts from COLO cells, using MRCKB antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-MRCKB antibody

Serine/threonine-protein kinase which is an important downstream effector of CDC42 and plays a role in the regulation of cytoskeleton reorganization and cell migration. Regulates actin cytoskeletal reorganization via phosphorylation of PPP1R12C and MYL9/MLC2. In concert with MYO18A and LURAP1, is involved in modulating lamellar actomyosin retrograde flow that is crucial to cell protrusion and migration. Phosphorylates PPP1R12A. Nakajima D., DNA Res. 9:99-106(2002). Olsen J.V., Cell 127:635-648(2006). Hirosawa M., DNA Res. 6:329-336(1999).

NCBI AND UNIPROT INFORMATION

NCBI GI #	115527097
NCBI GeneID	9578
NCBI Accession #	NP_006026.3
NCBI GenBank Nucleotide #	NM_006035.3
UniProt Accession #	Q9Y5S2; Q2L7A5; Q86TJ1; Q9ULU5; A9JR72
Molecular Weight	194kd
NCBI Official Full Name	serine/threonine-protein kinase MRCK beta
NCBI Official Synonym Full Names	CDC42 binding protein kinase beta (DMPK-like)
NCBI Official Symbol	CDC42BPB
NCBI Official Synonym Symbols	MRCKB
NCBI Protein Information	serine/threonine-protein kinase MRCK beta
UniProt Protein Name	Serine/threonine-protein kinase MRCK beta
UniProt Gene Name	CDC42BPB
UniProt Synonym Gene Names	CDC42BP-beta; MRCK beta; Myotonic dystrophy protein kinase-like beta
UniProt Entry Name	MRCKB_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/mrckb-antibody-immunohistochemistry-western-blot-elisa/301171>