

DOCK11 Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP51755

Product Information

Application	WB
Primary Accession	Q5JSL3
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	237671

Additional Information

Gene ID	139818
Other Names	Dedicator of cytokinesis protein 11, Activated Cdc42-associated guanine nucleotide exchange factor, ACG, Zizimin-2, DOCK11, ZIZ2
Dilution	WB~~1:1000
Format	0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

Name	DOCK11 (HGNC:23483)
Synonyms	ZIZ2 {ECO:0000305}
Function	Guanine nucleotide-exchange factor (GEF) that activates CDC42 by exchanging bound GDP for free GTP (PubMed: 37342957). Required for marginal zone (MZ) B-cell development, is associated with early bone marrow B-cell development, MZ B-cell formation, MZ B-cell number and marginal metallophilic macrophages morphology (By similarity). Facilitates filopodia formation through the activation of CDC42 (PubMed: 37342957).

Background

Guanine nucleotide-exchange factor (GEF) that activates CDC42 by exchanging bound GDP for free GTP (By similarity).

References

Lin Q.,et al.J. Biol. Chem. 281:35253-35262(2006).
Ross M.T.,et al.Nature 434:325-337(2005).
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Matsuoka S.,et al.Science 316:1160-1166(2007).

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