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Anti-DOCK11 Antibody

Catalog # AP51755

Product Information

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

Additional Information

Gene ID	139818
Other Names	ZIZ2; Dedicator of cytokinesis protein 11; Activated Cdc42-associated guanine nucleotide exchange factor; ACG; Zizimin-2
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human DOCK11. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000)
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

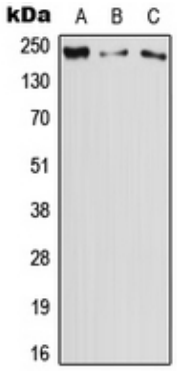
Name	DOCK11 (HGNC:23483)
Synonyms	ZIZ2 {ECO:0000305}
Function	Guanine nucleotide-exchange factor (GEF) that activates CDC42 by exchanging bound GDP for free GTP (PubMed:37342957). Required for marginal zone (MZ) B-cell development, is associated with early bone marrow B-cell development, MZ B-cell formation,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

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).

Images



Western blot analysis of DOCK11 expression in HeLa (A), Raw264.7 (B), PC12 (C) whole cell lysates. (Predicted band size: 237 kD; Observed band size: 240 kD)

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.