

ELMO1 Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP51187

Product Information

Application	WB
Primary Accession	Q92556
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	83829

Additional Information

Gene ID	9844
Other Names	Engulfment and cell motility protein 1, Protein ced-12 homolog, ELMO1, KIAA0281
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	ELMO1
Synonyms	KIAA0281
Function	Involved in cytoskeletal rearrangements required for phagocytosis of apoptotic cells and cell motility. Acts in association with DOCK1 and CRK. Was initially proposed to be required in complex with DOCK1 to activate Rac Rho small GTPases. May enhance the guanine nucleotide exchange factor (GEF) activity of DOCK1.
Cellular Location	Cytoplasm. Cell membrane. Note=Translocation to plasma membrane seems to be mediated by DOCK1 and CRK
Tissue Location	Widely expressed, with a higher expression in the spleen and placenta

Background

Involved in cytoskeletal rearrangements required for phagocytosis of apoptotic cells and cell motility. Acts

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References

Gumienny T.L.,et al.Cell 107:27-41(2001).
Ohara O.,et al.DNA Res. 4:53-59(1997).
Wiemann S.,et al.Genome Res. 11:422-435(2001).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.

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