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ELMO1 Rabbit mAb

Catalog # AP75396

Product Information

Application	WB, FC, IP
Primary Accession	Q92556
Reactivity	Rat, Human, Mouse
Host	Rabbit
Clonality	Monoclonal Antibody
Isotype	IgG
Conjugate	Unconjugated
Purification	Affinity Purified
Calculated MW	83829

Additional Information

Gene ID	9844
Other Names	ELMO1
Dilution	WB~~1:1000-1:5000 FC~~1:100-1:200 IP~~1:10-1:100
Format	Liquid in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

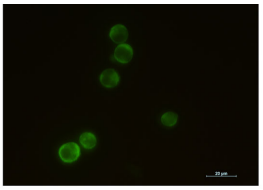
Protein Information

Name	ELMO1
Synonyms	KIAA0281
Function	Regulates the activity of DOCK guanine nucleotide exchange factors (GEFs) (PubMed:11595183, PubMed:12134158, PubMed:32651375, PubMed:38857861). Acts in association with DOCK1, DOCK2, DOCK5 and CRK (PubMed:11595183, PubMed:12134158, PubMed:32651375, PubMed:38857861). Promotes RAC1 activation by DOCK5; the activity is stimulated by RHOG (PubMed:38857861). Involved in cytoskeletal rearrangements required for phagocytosis of apoptotic cells and cell motility (PubMed:11595183).
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

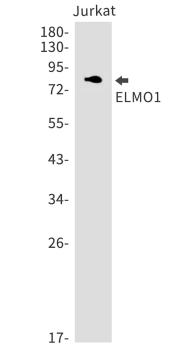
Involved in cytoskeletal rearrangements required for phagocytosis of apoptotic cells and cell motility. Acts in assocation with DOCK1 and CRK.

Images

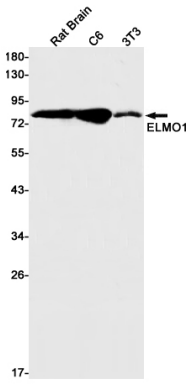




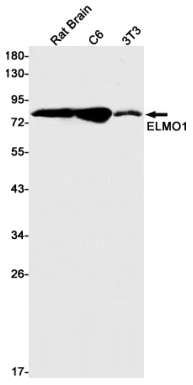
Immunocytochemistry analysis of ELMO1 (green) in Jurkat using ELMO1 antibody,and DAPI(blue).



Western blot analysis of ELMO1 in Jurkat lysates using ELMO1 antibody.



Western blot analysis of ELMO1 in rat Brain, C6, 3T3 lysates using ELMO1 antibody



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