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ELMO1 Rabbit mAb

Catalog # AP77111

Product Information

Application	WB, IF, FC, ICC, IP
Primary Accession	Q92556
Reactivity	Rat, Human, Mouse
Host	Rabbit
Clonality	Monoclonal Antibody
Isotype	IgG
Conjugate	Unconjugated
Immunogen	A synthesized peptide derived from human ELMO1
Purification	Affinity Chromatography
Calculated MW	83829

Additional Information

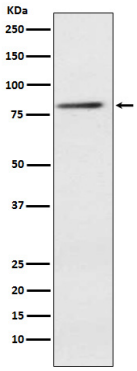
Gene ID	9844
Other Names	ELMO1
Dilution	WB~~1/500-1/1000 IF~~1:50~200 FC~~1:10~50 ICC~~N/A IP~~N/A
Format	Liquid in 10mM PBS, pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol.
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

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

Images



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