

Product Name: Elmo1 Rabbit Polyclonal Antibody
Catalog #: APRab10412



Summary

Production Name	Elmo1 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB,ELISA
Reactivity	Human,Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	ELMO1
Alternative Names	ELMO1; KIAA0281; Engulfment and cell motility protein 1; Protein ced-12 homolog
Gene ID	9844.0
SwissProt ID	Q92556.The antiserum was produced against synthesized peptide derived from human Elmo1. AA range:22-71

Application

Dilution Ratio	WB 1:500 - 1:2000. ELISA: 1:20000
Molecular Weight	83kD

Background

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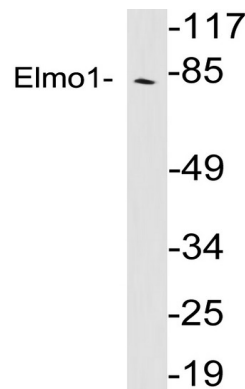


This gene encodes a member of the engulfment and cell motility protein family. These proteins interact with dedicator of cytokinesis proteins to promote phagocytosis and cell migration. Increased expression of this gene and dedicator of cytokinesis 1 may promote glioma cell invasion, and single nucleotide polymorphisms in this gene may be associated with diabetic nephropathy. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2013],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.,PTM:Phosphorylated by HCK.,similarity:Contains 1 ELMO domain.,similarity:Contains 1 PH domain.,subcellular location:Translocation to plasma membrane seems to be mediated by DOCK1 and CRK.,subunit:Interacts with BAI1 (By similarity). Interacts directly with the SH3-domain of DOCK1 via its SH3-binding site. Part of a complex with DOCK1 and RAC1. Part of a complex with DOCK1 and CRK isoform CRK-II. Interacts with PLEKHG6.,tissue specificity:Widely expressed, with a higher expression in the spleen and placenta.,

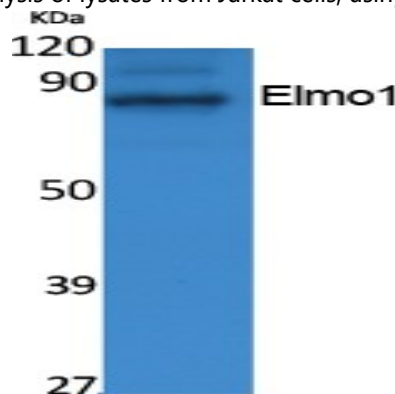
Research Area

Chemokine;

Image Data



Western blot analysis of lysates from Jurkat cells, using Elmo1 antibody.



Western Blot analysis of extracts from NIH-3T3 cells, using Elmo1 Polyclonal Antibody.. Secondary antibody was diluted at

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1:20000

Note

For research use only.