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FERMT3 Antibody (N-Term)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP22172a

Product Information

Application	WB, E
Primary Accession	Q86UX7
Other Accession	Q8K1B8
Reactivity	Human, Mouse
Predicted	Mouse, Rat, Bovine, Canine
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Clone Names	RB56300
Calculated MW	75953

Additional Information

Gene ID	83706
Other Names	Fermitin family homolog 3, Kindlin-3, MIG2-like protein, Unc-112-related protein 2, FERMT3, KIND3, MIG2B, URP2
Target/Specificity	This FERMT3 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 117-151 amino acids of mouse FERMT3.
Dilution	WB~~1:2000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	FERMT3 Antibody (N-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	FERMT3
Synonyms	KIND3, MIG2B, URP2
Function	Plays a central role in cell adhesion in hematopoietic cells

	(PubMed:19234463, PubMed:26359933). Acts by activating the integrin beta-1-3 (ITGB1, ITGB2 and ITGB3) (By similarity). Required for integrin-mediated platelet adhesion and leukocyte adhesion to endothelial cells (PubMed:19234460). Required for activation of integrin beta-2 (ITGB2) in polymorphonuclear granulocytes (PMNs) (By similarity).
Cellular Location	Cell projection, podosome. Note=Present in the F-actin surrounding ring structure of podosomes, which are specialized adhesion structures of hematopoietic cells
Tissue Location	Highly expressed in lymph node. Expressed in thymus, spleen and leukocytes. Weakly expressed in placenta, small intestine, stomach, testis and lung. Overexpressed in B-cell malignancies.

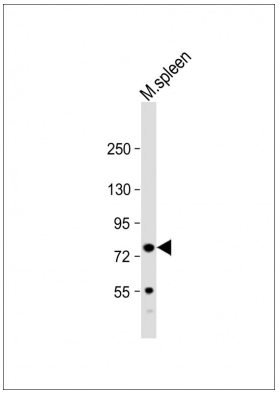
Background

Plays a central role in cell adhesion in hematopoietic cells. Acts by activating the integrin beta-1-3 (ITGB1, ITGB2 and ITGB3). Required for integrin-mediated platelet adhesion and leukocyte adhesion to endothelial cells. Required for activation of integrin beta-2 (ITGB2) in polymorphonuclear granulocytes (PMNs) (By similarity).

References

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Images



Anti-FERMT3 Antibody (N-Term) at 1:2000 dilution + mouse spleen lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 76 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

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