10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

FMN1 Antibody (Center)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP21647c

Product Information

Application	WB, E
Primary Accession	Q68DA7
Reactivity	Human
Predicted	Bovine
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Clone Names	RB30771
Calculated MW	157578

Additional Information

Gene ID	342184
Other Names	Formin-1, Limb deformity protein homolog, FMN1, FMN, LD
Target/Specificity	This FMN1 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 270-304 amino acids from the Central region of human FMN1.
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	FMN1 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	FMN1
Synonyms	FMN, LD
Function	Plays a role in the formation of adherens junction and the polymerization of linear actin cables.

Cellular Location	Nucleus. Cytoplasm. Cell junction, adherens junction. Cell membrane; Peripheral membrane protein; Cytoplasmic side. Note=Localization to the adherens junctions is alpha-catenin-dependent. Also localizes to F-actin bundles originating from adherens junctions and to microtubules (By similarity)

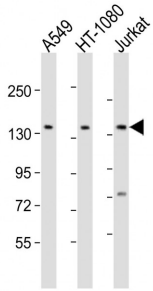
Background

Plays a role in the formation of adherens junction and the polymerization of linear actin cables.

References

Bechtel S.,et al.BMC Genomics 8:399-399(2007).
Zody M.C.,et al.Nature 440:671-675(2006).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Maas R.L.,et al.Am. J. Hum. Genet. 48:687-695(1991).
Katoh M.,et al.Int. J. Mol. Med. 14:121-126(2004).

Images



All lanes : Anti-FMN1 Antibody (Center) at 1:2000 dilution Lane 1: A549 whole cell lysate Lane 2: HT-1080 whole cell lysate Lane 3: Jurkat whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 158 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

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