

Rabbit Ezrin/Radixin/Moesin Polyclonal Antibody | anti-MGRN1 antibody

Ezrin/Radixin/Moesin Rabbit pAb

CATALOG # AAA282325	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot
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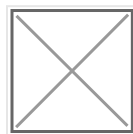
PRODUCT SYNONYMS

Ezrin/Radixin/Moesin; Polyclonal Antibody; Ezrin/Radixin/Moesin Rabbit pAb; anti-MGRN1 antibody

PRODUCT SPECIFICATIONS

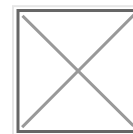
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300, 50% glycerol, pH7.3.
Sequence	MGSILSRRIA GVEDIDIQAN SAYRYPPKSG NYFASHFFMG GEKFDTPHPE GYLFGENMDL NFLGSRPVQF PYVTPAPHEP VKTLRSLVNI RKDSLRLVRY KDDADSPTEG GDKPRVLYSL EFTFDADARV AITIYCQASE EFLNGRAVYS PKSPSLQSET VHYKRGVSQQ FSLPSFKIDF SEWKDDELNF DLDRGVFPVV IQAVVDEGDV VEVTGHAHVL LAAFEKHMDG SFSVKPLKQK QIVDRVSYLL QEIYGIEKNK NQETKPSDDE NSDNSNECVV CLSDLRDTLI LPCRHLCLCT SCADTLRYQA NNCPICRLPF RALLQIRAVR KKP GALSPVS FSPVLAQSLE HDEHSCPFFK SKPHPASLAS KKP KRETNSD SVPPGYEPIS LLEALNGLRA VSPAIPSAPL YEEITYSGIS DGLSQASCPL AAIDHILDSS RQKGRPQSKA PDSTLRSPSS PIHEEDEEKL SEDVDAPPPL GGAELALRES SSPESFITEE VDESSSPQQG TRAASIENVL QDSSPEHCGR GPPADIYL
Applicable Applications for anti-MGRN1 antibody	WB (Western Blot)
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using Ezrin/Radixin/Moesin antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 20s.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using Ezrin/Radixin/Moesin antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 0.8s.

ADDITIONAL INFORMATION

Related Product Information for anti-MGRN1 antibody	The cytoplasmic peripheral membrane protein encoded by this gene functions as a protein-tyrosine kinase substrate in microvilli. As a member of the ERM protein family, this protein serves as an intermediate between the plasma membrane and the actin cytoskeleton. This protein plays a key role in cell surface structure adhesion, migration and organization, and it has been implicated in various human cancers. A pseudogene located on chromosome 3 has been identified for this gene. Alternatively spliced variants have also been described for this gene. Radixin is a cytoskeletal protein that may be important in linking actin to the plasma membrane. It is highly similar in sequence to both ezrin and moesin. The radixin gene has been localized by fluorescence in situ hybridization to 11q23. A truncated version representing a pseudogene (RDXP2) was assigned to Xp21.3. Another pseudogene that seemed to lack introns (RDXP1) was mapped to 11p by Southern and PCR analyses. Multiple alternatively spliced transcript variants encoding different isoforms have been found for this gene. Moesin (for membrane-organizing extension spike protein) is a member of the ERM family which includes ezrin and radixin. ERM proteins appear to function as cross-linkers between plasma membranes and actin-based cytoskeletons. Moesin is localized to filopodia and other membranous protrusions that are important for cell-cell recognition and signaling and for cell movement.
Product Categories/Family for anti-MGRN1 antibody	Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	334883178
NCBI GeneID	23295
NCBI Accession #	NP_001135761
NCBI GenBank Nucleotide #	NM_001142289
UniProt Accession #	O60291; Q86W76; A4URL3; A4URL4
Molecular Weight	58,305 Da
NCBI Official Full Name	E3 ubiquitin-protein ligase MGRN1 isoform 2
NCBI Official Synonym Full Names	mahogunin ring finger 1, E3 ubiquitin protein ligase
NCBI Official Symbol	MGRN1
NCBI Official Synonym Symbols	RNF156
NCBI Protein Information	E3 ubiquitin-protein ligase MGRN1; RING finger protein 156; mahogunin RING finger protein 1; mahogunin, ring finger 1; probable E3 ubiquitin-protein ligase MGRN1
UniProt Protein Name	E3 ubiquitin-protein ligase MGRN1
UniProt Gene Name	MGRN1
UniProt Synonym Gene Names	KIAA0544; RNF156
UniProt Entry Name	MGRN1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.