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MGRN1 Antibody (monoclonal) (M07)

Mouse monoclonal antibody raised against a partial recombinant MGRN1.
Catalog # AT2867a

Product Information

Application	WB, IF
Primary Accession	O60291
Other Accession	NM_015246
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2a Kappa
Clone Names	30
Calculated MW	60753

Additional Information

Gene ID	23295
Other Names	E3 ubiquitin-protein ligase MGRN1, 632-, Mahogunin RING finger protein 1, RING finger protein 156, MGRN1, KIAA0544, RNF156
Target/Specificity	MGRN1 (NP_056061, 477 a.a. ~ 576 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 IF~~1:50~200
Format	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Precautions	MGRN1 Antibody (monoclonal) (M07) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

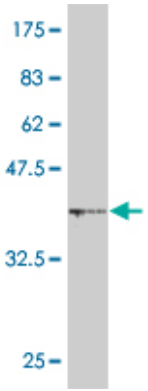
Mahogunin (MGRN1) is a C3HC4 RING-containing protein with E3 ubiquitin ligase activity in vitro.

References

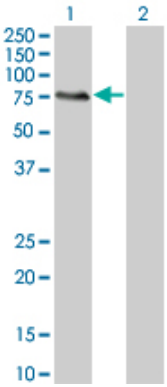
Personalized smoking cessation: interactions between nicotine dose, dependence and quit-success genotype score. Rose JE, et al. Mol Med, 2010 Jul-Aug. PMID 20379614.Mahogunin ring finger-1 (MGRN1) E3 ubiquitin ligase inhibits signaling from melanocortin receptor by competition with Galphas. P?rez-Oliva AB, et al. J Biol Chem, 2009 Nov 13. PMID 19737927.Functional depletion of mahogunin by cytosolically exposed prion protein contributes to neurodegeneration. Chakrabarti O, et al. Cell, 2009 Jun 12. PMID

19524515.Pigmentation-related genes and their implication in malignant melanoma susceptibility. Fernandez LP, et al. Exp Dermatol, 2009 Jul. PMID 19320733.Toward a confocal subcellular atlas of the human proteome. Barbe L, et al. Mol Cell Proteomics, 2008 Mar. PMID 18029348.

Images

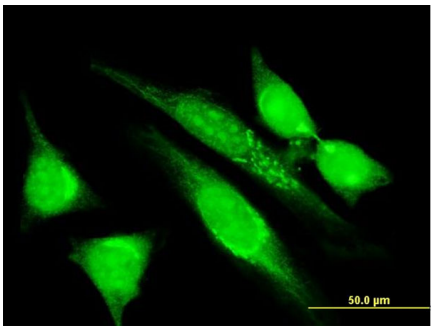


Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (36.74 KDa) .



Western Blot analysis of MGRN1 expression in transfected 293T cell line by MGRN1 monoclonal antibody (M07), clone 3E1.

Lane 1: MGRN1 transfected lysate(63.2 KDa).
Lane 2: Non-transfected lysate.



Immunofluorescence of monoclonal antibody to MGRN1 on HeLa cell . [antibody concentration 10 ug/ml]

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