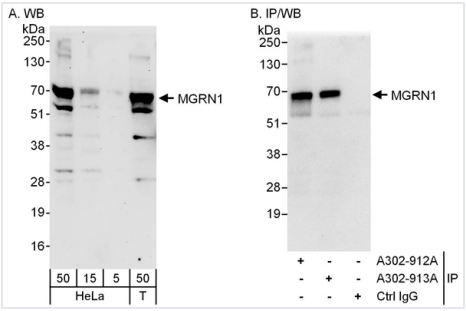
MGRN1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	MGRN1, Polyclonal Antibody
Full Product Name	Rabbit anti-MGRN1 Antibody, Affinity Purified
Product Gene Name	anti-MGRN1 antibody
Product Synonym Names	RING finger protein 156; RING-type E3 ubiquitin transferase MGRN1; RNF156; mahogunin RING finger protein 1; E3 ubiquitin-protein ligase MGRN1; mahogunin ring finger 1, E3 ubiquitin protein ligase; probable E3 ubiquitin-protein ligase MGRN1; E3 ubiquitin-protein ligase MGRN1; mahogunin ring finger 1
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid. Whole IgG. Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
Purity/Purification	Antigen Affinity Purified
Concentration	200ug/ml (lot specific)
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt
OMIM	607559
3D Structure	ModBase 3D Structure for O60291
Immunogen	Between 425 and 475
Conjugation	Unconjugated
Product Categories/Family for anti-MGRN1 antibody	Primary Antibodies
Applications Tested/Suitable for anti-MGRN1 antibody	Western Blot (WB), Immunoprecipitation (IP)
Application Notes for anti-MGRN1 antibody	WB: 1:2000-1:10,000 IP: 6ug/mg lysate
Related Product Information for anti-MGRN1 antibody	MGRN1 (mahogunin RING finger protein 1) is an E3 ubiquitin-protein ligase that mediates monoubiquitination at multiple sites of TSG101 in the presence of UBE2D1, but not of UBE2G1, nor UBE2H. MGRN1 plays a role in the regulation of endosome-to-lysosome trafficking. It impairs MC1R- and MC4R-signaling by competing with GNAS-binding to MCRs and inhibiting agonist-induced cAMP production but does not promote MC1R ubiquitination [taken from the Universal Protein Resource (UniProt) www.uniprot.org/uniprot/O60291].
Other Notes	Small volumes of anti-MGRN1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for MGRN1 purchase	MBS3903243 is an antibody targeting MGRN1. Also known as Rabbit anti-MGRN1 Antibody, Affinity Purified. Reactive in Human. Host: Rabbit.



Western Blot (WB) of anti-MGRN1 antibody
Detection of human MGRN1 by western blot and immunoprecipitation. Samples: Whole cell lysate from HeLa (5, 15 and 50 ug for WB; 1 mg for IP, 20% of IP loaded) and HEK293T (T; 50 ug) cells. Antibodies: Affinity purified rabbit anti-MGRN1 antibody MBS3903243 used for WB at 0.04 ug/ml (A) and 0.4 ug/ml (B) and used for IP at 3 ug/mg lysate. MGRN1 was also immunoprecipitated by rabbit anti-MGRN1 antibody MBS3903244, which recognizes a downstream epitope. Detection: Chemiluminescence with exposure times of 3 minutes (A) and 10 seconds (B).

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for MGRN1. It may not necessarily be applicable to this product.

NCBI GeneID	23295
NCBI Accession #	NP_001135761.1
UniProt Primary Accession #	O60291
UniProt Protein Name	E3 ubiquitin-protein ligase MGRN1
UniProt Synonym Protein Names	Mahogunin RING finger protein 1; RING finger protein 156
Protein Family	E3 ubiquitin-protein ligase
UniProt Gene Name	MGRN1
UniProt Synonym Gene Names	KIAA0544; RNF156
UniProt Entry Name	MGRN1_HUMAN
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

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