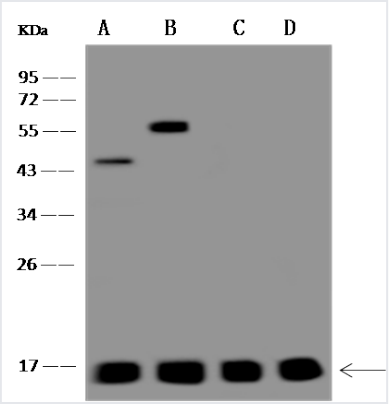
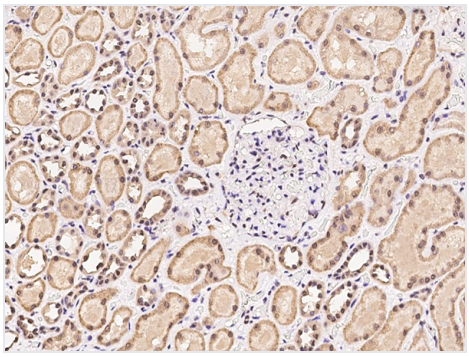
MAGOH Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

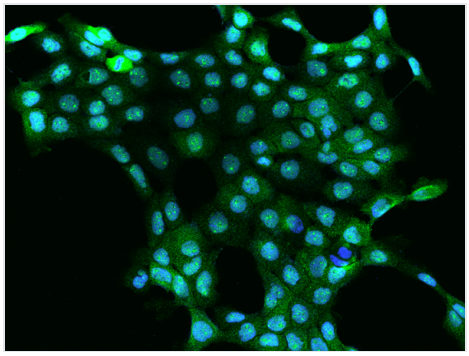
Product Name	MAGOH, Polyclonal Antibody
Full Product Name	Anti-MAGOH Antibody, Rabbit Polyclonal
Product Gene Name	anti-MAGOH antibody
Product Synonym Names	MAGOH Antibody, Rabbit PAb, Antigen Affinity Purified; mago-nashi homolog, proliferation-associated (Drosophila); Anti-MAGOH1 Antibody; Anti-MAGOHA Antibody
Clonality	Polyclonal
Isotype	Rabbit IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Purity/Purification	Protein A & Antigen Affinity
Specificity	Human MAGOH
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles.
Immunogen	E Coli-derived Human MAGOH fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human MAGOH fragment, and purified by antigen affinity chromatography.
Applications Tested/Suitable for anti-MAGOH antibody	Western Blot (WB), Immunohistochemistry-Paraffin (IHC-P), Immunocytochemistry (ICC), Immunofluorescence (IF), Immunoprecipitation (IP)
Application Notes for anti-MAGOH antibody	WB: 1:2000-1:10,000 IHC-P: 1:50-1:200 ICC/IF: 1:100-1:500 IP: 1-5uL/mg of lysate
Related Product Information for anti-MAGOH antibody	MAGOH (Mago Homolog, Exon Junction Complex Subunit) is a Protein Coding gene. MAGOH is the human homolog of Drosophila mago nashi, a protein that is required for normal germplasm development in the Drosophila embryo. In mammals, mRNA expression is not limited to the germplasm, but is expressed ubiquitously in adult tissues and can be induced by serum stimulation of quiescent fibroblasts. The exon junction complex (EJCs) are deposited on messenger RNAs (mRNAs) during splicing and their core consists of eIF4A3, MLN51, Y14, and MAGOH. Both MAGOH proteins interact with other EJC components, incorporate into mRNA-bound EJCs, and activate nonsense-mediated decay. Diseases associated with MAGOH include Metaphyseal Chondrodysplasia, Schmid Type, and Primary Autosomal Recessive Microcephaly.
Other Notes	Small volumes of anti-MAGOH 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 MAGOH purchase	MBS8108232 is an antibody targeting MAGOH. Also known as Anti-MAGOH Antibody, Rabbit Polyclonal. Reactive in Human. Host: Rabbit.



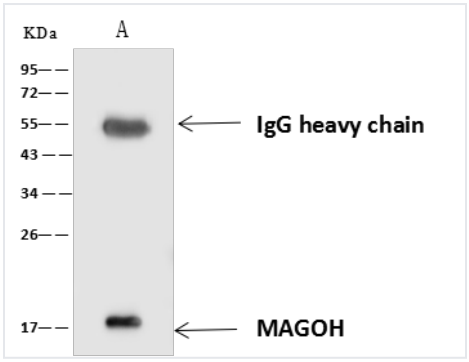
Western Blot (WB) of anti-MAGOH antibody
Anti-MAGOH rabbit polyclonal antibody at 1:2000 dilution Lane A: HeLa Whole Cell Lysate Lane B: Jurkat Whole Cell Lysate Lane C: A431 Whole Cell Lysate Lane D: K562 Whole Cell Lysate Lysates/proteins at 30 ug per lane. Secondary Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size:17 kDa Observed band size:17 kDa (We are unsure as to the identity of these extra bands.)



Immunohistochemistry (IHC) of anti-MAGOH antibody
Immunochemical staining of human MAGOH in human kidney with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.



Immunofluorescence (IF) of anti-MAGOH antibody
Immunofluorescence staining of MAGOH in A431 cells. Cells were fixed with 4% PFA, permeabilzed with 0.1% Triton X-100 in PBS,blocked with 10% serum, and incubated with rabbit anti-Human MAGOH polyclonal antibody (dilution ratio 1:200) at 4 degree C overnight. Then cells were stained with the Alexa Fluor488-conjugated Goat Anti-rabbit IgG secondary antibody (green) and counterstained with DAPI (blue).Positive staining was localized to Nucleus and Cytoplasm.



Immunoprecipitation (IP) of anti-MAGOH antibody
MAGOH was immunoprecipitated using: Lane A:0.5 mg K562 Whole Cell Lysate 4 uL anti-MAGOH rabbit polyclonal antibody and 60 ug of Immunomagnetic beads Protein A/G. Primary antibody: Anti-MAGOH rabbit polyclonal antibody,at 1:100 dilution Secondary antibody: Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 17 kDa Observed band size :17 kDa

ADDITIONAL DETAILS

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

Protein Family	Protein mago nashi
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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