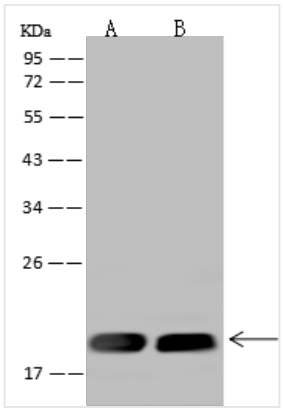
MRPL20 Antibody – Rabbit Polyclonal

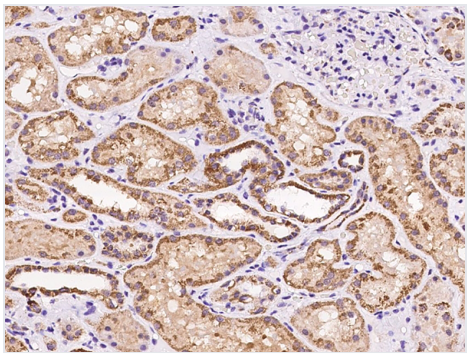
PRODUCT OVERVIEW

Product Name	MRPL20, Polyclonal Antibody
Full Product Name	Anti-MRPL20 Antibody, Rabbit Polyclonal
Product Gene Name	anti-MRPL20 antibody
Product Synonym Names	MRPL20 Antibody, Rabbit PAb, Antigen Affinity Purified; mitochondrial ribosomal protein L20; Anti-L20mt Antibody; Anti-MRP-L20 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 MRPL20
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 MRPL20 fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human MRPL20 fragment, and purified by antigen affinity chromatography.
Applications Tested/Suitable for anti-MRPL20 antibody	Western Blot (WB), Immunohistochemistry-Paraffin (IHC-P), Immunoprecipitation (IP)
Application Notes for anti-MRPL20 antibody	WB: 1:500-1:2000 IHC-P: 1:50-1:200 IP: 5-10uL/mg of lysate
Related Product Information for anti-MRPL20 antibody	MRPL20 (Mitochondrial Ribosomal Protein L20) is a Protein Coding gene. The MRPL20 gene, located on 1p36.33, is conserved in Rhesus monkey, dog, cow, mouse, rat, chicken, zebrafish, fruit fly, mosquito, A.thaliana, rice, and frog. MRPL20 belongs to the bacterial ribosomal protein bL20 family. This gene encodes a 39S subunit protein and is widely expressed in kidney, fat, and other tissues. A pseudogene corresponding to this gene is found on chromosome 21q. Alternative splicing results in multiple transcript variants encoding different isoforms. Among its related pathways are Organelle biogenesis and maintenance and Viral mRNA Translation. 241 organisms have orthologs with the human gene MRPL20.
Product References and Citations for anti-MRPL20 antibody	Koc EC, et al. (2001) The large subunit of the mammalian mitochondrial ribosome. Analysis of the complement of ribosomal proteins present. J Biol Chem 276 (47): 43958-43969.Haque ME, et al. (2010) Properties of the c-terminal tail of human mitochondrial inner membrane protein oxa1l and its interactions with mammalian mitochondrial ribosomes. J Biol Chem 285 (36): 28353-28362.Arroyo JD, et al. (2016) A genome-wide crispr death screen identifies genes essential for oxidative phosphorylation. Cell Metab 24 (6): 875-885.
Other Notes	Small volumes of anti-MRPL20 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.

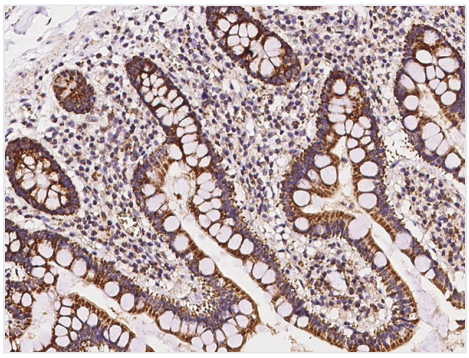
Searchable Terms for MRPL20 purchase	MBS8109296 is an antibody targeting MRPL20. Also known as Anti-MRPL20 Antibody, Rabbit Polyclonal. Reactive in Human. Host: Rabbit.



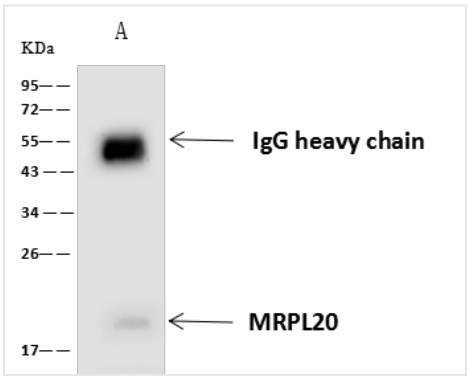
Western Blot (WB) of anti-MRPL20 antibody
Anti-MRPL20 rabbit polyclonal antibody at 1:500 dilution Lane A: HeLa Whole Cell Lysate Lane B: U-251 MG Whole Cell Lysate Lysates/proteins at 30 ug per lane. Secondary Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size:17 kDa Observed band size:20 kDa



Immunohistochemistry (IHC) of anti-MRPL20 antibody
Immunochemical staining of human MRPL20 in human kidney with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.



Immunohistochemistry (IHC) of anti-MRPL20 antibody
Immunochemical staining of human MRPL20 in human large intestine with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.



Immunoprecipitation (IP) of anti-MRPL20 antibody
MRPL20 was immunoprecipitated using: Lane A:0.5 mg HeLa Whole Cell Lysate 4 uL anti-MRPL20 rabbit polyclonal antibody and 60 ug of Immunomagnetic beads Protein A/G. Primary antibody: Anti-MRPL20 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 :19 kDa

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for MRPL20. It may not necessarily be applicable to this product.

Protein Family	39S ribosomal protein
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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