

Rabbit MRPL44 Polyclonal Antibody | anti-MRPL44 antibody

Anti-MRPL44 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA265148	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

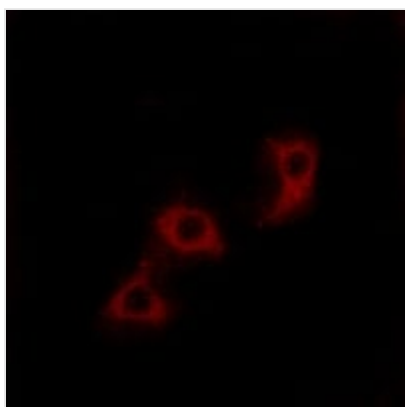
PRODUCT SYNONYMS

MRPL44; Polyclonal Antibody; Anti-MRPL44 Antibody; anti-MRPL44 antibody

PRODUCT SPECIFICATIONS

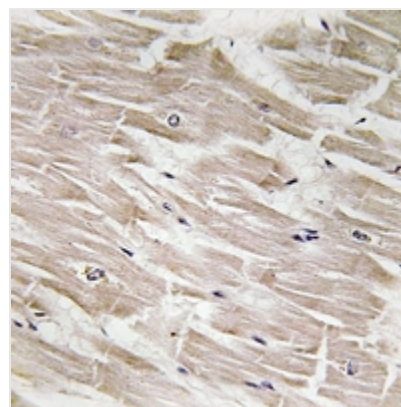
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of MRPL44 protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH7.3, 30% glycerol, and 0.01% sodium azide.
Applicable Applications for anti-MRPL44 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human MRPL44. The exact sequence is proprietary.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



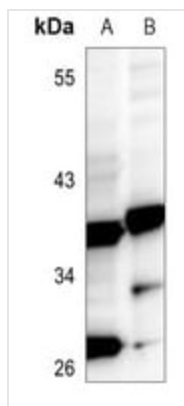
IF (Immunofluorescence)

Immunofluorescent analysis of MRPL44 staining in HuvEc cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a AF594-conjugated secondary antibody (red) in PBS at room temperature in the dark.



IHC (Immunohistochemistry)

Immunohistochemical analysis of MRPL44 staining in human heart formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of MRPL44 expression in mouse liver (A), rat kidney (B) whole cell lysates. (Predicted band size: 37 kD; Observed band size: 37 kD)

ADDITIONAL INFORMATION

Related Product Information for anti-MRPL44 antibody	Rabbit polyclonal antibody to MRPL44
Product Categories/Family for anti-MRPL44 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	12597661
NCBI GeneID	65080
NCBI Accession #	NP_075066.1
NCBI GenBank Nucleotide #	NM_022915.3
UniProt Accession #	Q9H9J2 ; Q9CY73
Molecular Weight	37,535 Da
NCBI Official Full Name	39S ribosomal protein L44, mitochondrial
NCBI Official Synonym Full Names	mitochondrial ribosomal protein L44
NCBI Official Symbol	MRPL44
NCBI Official Synonym Symbols	L44MT; MRP-L44
NCBI Protein Information	39S ribosomal protein L44, mitochondrial
UniProt Protein Name	39S ribosomal protein L44, mitochondrial
UniProt Gene Name	MRPL44
UniProt Synonym Gene Names	L44mt; MRP-L44
UniProt Entry Name	RM44_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/mrpl44-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/265148>