

Rabbit MRPL44 Polyclonal Antibody | anti-MRPL44 antibody

MRPL44 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324355	Rabbit	Human, Mouse, Rat, Monkey	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

MRPL44; Polyclonal Antibody; MRPL44 Antibody; 39S ribosomal protein L44; mitochondrial; COXPD16; EC 3.1.26; FLJ12701; FLJ13990; FLJ37688; L44MT; mitochondrial ribosomal protein L44; MRP L44; anti-MRPL44 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat, Monkey
Clonality	Polyclonal
Isotype	IgG
Specificity	MRPL44 antibody detects endogenous levels of total MRPL44
Purity/Purification	Peptide affinity purification
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	332
Applicable Applications for anti-MRPL44 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptidederived from human MRPL44, corresponding to a region within C-terminal amino acids.
Preparation and Storage	Store at -20°C. Stable for 12 months from date of receipt.

IMAGES



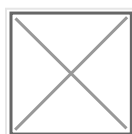
IHC (Immunohistochemistry)

AAA324355 at 1/100 staining Rat ovarian tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



IF (Immunofluorescence)

AAA324355 staining HepG2 cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab (AAA324355 1:200) and mouse anti-beta tubulin Ab(1:200) for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red)and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L)Ab(Green) were used as the secondary antibody.



WB (Western Blot)

Western blot analysis of extracts from 293, using MRPL44 Antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-MRPL44 antibody	Component of the 39S subunit of mitochondrial ribosome. May have a function in the assembly/stability of nascent mitochondrial polypeptides exiting the ribosome.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	12597661
NCBI GeneID	65080
NCBI Accession #	NP_075066.1
NCBI GenBank Nucleotide #	NM_022915.3
UniProt Accession #	Q9H9J2; Q53S16; Q6IA62; Q9H821
Molecular Weight	36 kDa
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; COXPD16; 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

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.