

Rabbit anti-Human Mitochondrial Ribosomal Protein L1 Polyclonal Antibody | anti-MRPL1 antibody

Mitochondrial Ribosomal Protein L1 (MRPL1) Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA145170	Rabbit	Human	ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot

PRODUCT SYNONYMS

Mitochondrial Ribosomal Protein L1; Polyclonal Antibody; Mitochondrial Ribosomal Protein L1 (MRPL1) Polyclonal Antibody; MRP-L1; BM022; L1mt; 39S Ribosomal Protein L1; Mitochondrial; anti-MRPL1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against MRPL1. It has been selected for its ability to recognize MRPL1 in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4 containing 0.02% NaN ₃ , 50% glycerol.
Concentration	500ug/mL (varies by lot)
Sequence Length	325
Applicable Applications for anti-MRPL1 antibody	ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Immunoglobulin Type	IgG
Conjugate	No Conjugate
Cross Reactivity	Human
Organism Species	Human
Fragment	MRPL1 (Pro147~Asn285)
Quality Control	Content: The quality control contains recombinant MRPL1 (Pro147~Asn285) disposed in loading buffer. Usage: 10uL per well when 3,3'-Diaminobenzidine(DAB) as the substrate. 5uL per well when used in enhanced chemilumescence (ECL). Note: The quality control is specifically manufactured as the positive control. Not used for other purposes. Loading Buffer: 100mM Tris(pH8.8), 2% SDS, 200mM NaCl, 50% glycerol, BPB 0.01%, NaN ₃ 0.02%.
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES



Application Data

Knockout Validation: Lane 1: Wild-type MCF7 cell lysate; Lane 2: MRPL1 knockout MCF7 cell lysate; Predicted MW: 37kd Observed MW: 34kd Primary Ab: 1ug/ml Rabbit Anti-Human MRPL1 Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody



IHC (Immunohistochemistry)

DAB staining on IHC-P; Samples: Human Lung cancer Tissue



WB (Western Blot)

Western Blot: Sample: Recombinant MRPL1, Human



WB (Western Blot)

Western Blot: Sample: Recombinant MRPL1, Human.



WB (Western Blot)

Western Blot: Sample: Lane1: Human MCF-7 Cells; Lane2: Human HepG2 Cells.

ADDITIONAL INFORMATION

Product Categories/Family for anti-MRPL1 antibody	Knock-Out Validation Antibody
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NCBI AND UNIPROT INFORMATION

NCBI GI #	143770802
NCBI GeneID	65008
NCBI Accession #	NP_064621.3
NCBI GenBank Nucleotide #	NM_020236.3
UniProt Accession #	Q9BYD6; Q4W5B8; Q6IAG4; Q96BW3; Q9H793; Q9NRL5; A6NG03
Molecular Weight	36,909 Da
NCBI Official Full Name	39S ribosomal protein L1, mitochondrial
NCBI Official Synonym Full Names	mitochondrial ribosomal protein L1
NCBI Official Symbol	MRPL1
NCBI Official Synonym Symbols	L1MT; BM022; MRP-L1
NCBI Protein Information	39S ribosomal protein L1, mitochondrial
UniProt Protein Name	39S ribosomal protein L1, mitochondrial
UniProt Gene Name	MRPL1
UniProt Synonym Gene Names	L1mt; MRP-L1

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.

