

Rabbit MRRF Polyclonal Antibody | anti-MRRF antibody

MRRF Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA321230	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

MRRF; Polyclonal Antibody; MRRF Antibody; 2400002D02Rik; MGC93722; mitochondrial; mitochondrial ribosome recycling factor; MRFF; Mrff; MTRRF; OTTHUMP00000022037; OTTMUSP00000013027; Ribosome recycling factor; mitochondrial precursor; Ribosome-recycling factor; Ribosome-releasing factor; RP23-324A16.1; RRF; RRFM_HUMAN; anti-MRRF antibody

PRODUCT SPECIFICATIONS

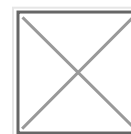
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	MRRF antibody detects endogenous levels of MRRF
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	210
Applicable Applications for anti-MRRF antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human MRRF
Subcellular Location	Mitochondrion
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Chicken
Similarity	Pig (100%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Chicken (92%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)

AAA321230 at 1/100 staining human kidney tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



IF (Immunofluorescence)

AAA321230 staining HeLa by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



WB (Western Blot)

Western blot analysis on HeLa cell lysate using MRRF Antibody. The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-MRRF antibody

Description: MRRF Responsible for the release of ribosomes from messenger RNA at the termination of protein biosynthesis. May increase the efficiency of translation by recycling ribosomes from one round of translation to another. Belongs to the RRF family. 7 isoforms of the human protein are produced by alternative splicing.
Function: Responsible for the release of ribosomes from messenger RNA at the termination of protein biosynthesis. May increase the efficiency of translation by recycling ribosomes from one round of translation to another (By similarity).
Similarity: Belongs to the RRF family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	291042689
NCBI GeneID	92399
NCBI Accession #	NP_001166983.1
NCBI GenBank Nucleotide #	NM_001173512.2
UniProt Accession #	Q96E11; Q5RKT1; Q5T7T0; Q5T7T1; Q5T7T2; Q5T7T3; Q5T7T4; Q5T7T5; A8K6D8; A8K6Z4; B7Z4X5; B7Z6P7
Molecular Weight	Observed: 28 kDa Predicted: 30 kDa
NCBI Official Full Name	ribosome-recycling factor, mitochondrial isoform 3
NCBI Official Synonym Full Names	mitochondrial ribosome recycling factor
NCBI Official Symbol	MRRF
NCBI Official Synonym Symbols	RRF; MRFF; MTRRF
NCBI Protein Information	ribosome-recycling factor, mitochondrial
UniProt Protein Name	Ribosome-recycling factor, mitochondrial
UniProt Gene Name	MRRF
UniProt Synonym Gene Names	RRF

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/mrrf-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/321230>