

MRRF Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP50633

Product Information

Application	WB
Primary Accession	Q96E11
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	polyclonal
Calculated MW	29277

Additional Information

Gene ID	92399
Other Names	Ribosome-recycling factor, mitochondrial, RRF, Ribosome-releasing factor, mitochondrial, MRRF
Dilution	WB~~1:1000
Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.09% (W/V) sodium azide and 50% glycerol.
Storage Conditions	-20°C

Protein Information

Name	MRRF (HGNC:7234)
Function	Responsible for the disassembly of ribosomes from messenger RNA at the termination of mitochondrial protein biosynthesis (PubMed: 19716793 , PubMed: 33878294). Acts in collaboration with GFM2 (PubMed: 33878294). Promotes mitochondrial ribosome recycling by dissolution of intersubunit contacts (PubMed: 33878294).
Cellular Location	Mitochondrion.

Background

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).

References

Ota T.,et al.Nat. Genet. 36:40-45(2004).

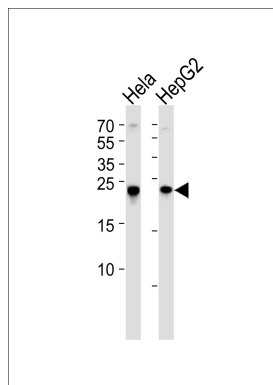
Humphray S.J.,et al.Nature 429:369-374(2004).

Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.

Zhang Y.,et al.Biochim. Biophys. Acta 1443:245-250(1998).

Burkard T.R.,et al.BMC Syst. Biol. 5:17-17(2011).

Images



Western blot analysis of lysates from HeLa,HepG2 cell line (from left to right),using MRRF Antibody(AP50633). AP50633 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody.Lysates at 35ug per lane.

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