

MRPL14 Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP50783

Product Information

Application	WB
Primary Accession	Q6P1L8
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	polyclonal
Calculated MW	15948

Additional Information

Gene ID	64928
Other Names	39S ribosomal protein L14, mitochondrial, L14mt, MRP-L14, 39S ribosomal protein L32, mitochondrial, L32mt, MRP-L32, MRPL14, MRPL32, RPML32
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	MRPL14
Synonyms	MRPL32, RPML32
Function	Forms part of 2 intersubunit bridges in the assembled ribosome. Upon binding to MALSU1 intersubunit bridge formation is blocked, preventing ribosome formation and repressing translation (Probable).
Cellular Location	Mitochondrion

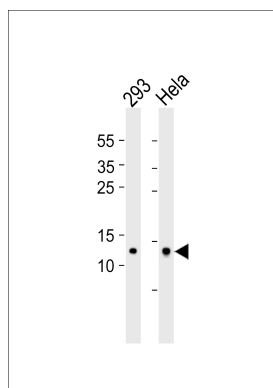
Background

Forms part of 2 intersubunit bridges in the assembled ribosome. Upon binding to MALSU1 intersubunit bridge formation is blocked, preventing ribosome formation and repressing translation (Probable).

References

Ota T.,et al.Nat. Genet. 36:40-45(2004).
Mungall A.J.,et al.Nature 425:805-811(2003).
Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.
Kenmochi N.,et al.Genomics 77:65-70(2001).
Burkard T.R.,et al.BMC Syst. Biol. 5:17-17(2011).

Images



Western blot analysis of lysates from 293,HeLa cell line (from left to right),using MRPL14 Antibody(AP50783). AP50783 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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.