

MRPL14 Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP50783**Specification**

MRPL14 Antibody - Product Information

Application	WB
Primary Accession	Q6P1L8
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	16 KDa
Antigen Region	118-141

MRPL14 Antibody - 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

FormatRabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.09% (W/V) sodium azide and 50% glycerol.**Storage Conditions**

-20°C

MRPL14 Antibody - 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

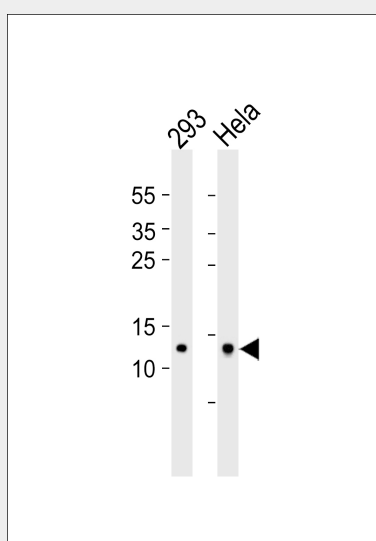
Mitochondrion

MRPL14 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

MRPL14 Antibody - 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 35 µg per lane.

MRPL14 Antibody - 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).

MRPL14 Antibody - 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).