

Anti-MRPL18 Antibody

Catalog Number: A13607

About MRPL18

Together with thiosulfate sulfurtransferase (TST), acts as a mitochondrial import factor for the cytosolic 5S rRNA. The precursor form shows RNA chaperone activity; is able to fold the 5S rRNA into an import-competent conformation that is recognized by rhodanese (TST). Both the cytoplasmic and mitochondrial forms are able to bind to the helix IV-loop D in the gamma domain of the 5S rRNA.

Wiemann S., Genome Res. 11:422-435(2001).

Zhang Q.-H., Genome Res. 10:1546-1560(2000).The MGC Project Team; Genome Res. 14:2121-2127(2004).

Overview

Product Name	Anti-MRPL18 Antibody
Reactive Species	Human
Description	Boster Bio Anti-MRPL18 Antibody (Catalog # A13607). Tested in WB applications. This antibody reacts with Human.
Application	WB
Clonality	Polyclonal
Formulation	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	Q9H0U6

Technical Details

Immunogen	Synthesized peptide derived from internal of human MRPL18.
Predicted Reactive Species	Chimpanzee, Drosophila, Macaque
Isotype	IgG
Form	Liquid
Concentration	1 mg/ml
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Suggested Dilutions

Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.

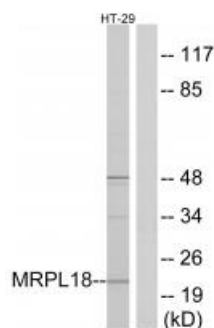
If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.

Some PubMed article(s) citing the expression level of this target are as follows:

Boster Bio's internal QC testing used:

Western blotting: 1:500~1:3000

Anti-MRPL18 Antibody (A13607) Images



Western blot analysis of extracts from HT-29 cells, using MRPL18 antibody A13607.

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