

MRTO4 Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP17587a**Specification**

MRTO4 Antibody (N-term) - Product Information

Application	WB,E
Primary Accession	O9UKD2
Other Accession	O9D0I8 , A4FV84 , NP_057267.2
Reactivity	Human
Predicted	Bovine, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	27560
Antigen Region	46-72

MRTO4 Antibody (N-term) - Additional Information**Gene ID** 51154**Other Names**

mRNA turnover protein 4 homolog, MRTO4, C1orf33, MRT4

Target/Specificity

This MRTO4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 46-72 amino acids from the N-terminal region of human MRTO4.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

MRTO4 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

MRTO4 Antibody (N-term) - Protein Information**Name** MRTO4

Synonyms C1orf33, MRT4

Function Component of the ribosome assembly machinery. Nuclear paralog of the ribosomal protein P0, it binds pre-60S subunits at an early stage of assembly in the nucleolus, and is replaced by P0 in cytoplasmic pre-60S subunits and mature 80S ribosomes.

Cellular Location

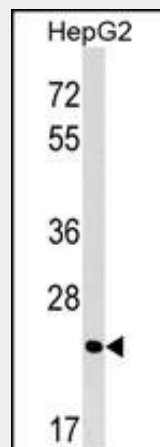
Nucleus, nucleolus. Cytoplasm Note=Shuttles between the nucleus and the cytoplasm

MRTO4 Antibody (N-term) - 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](#)

MRTO4 Antibody (N-term) - Images



MRTO4 Antibody (N-term) (Cat. #AP17587a) western blot analysis in HepG2 cell line lysates (35ug/lane). This demonstrates the MRTO4 antibody detected the MRTO4 protein (arrow).

MRTO4 Antibody (N-term) - Background

This gene encodes a protein sharing a low level of sequence similarity with ribosomal protein P0. While the precise function of the encoded protein is currently unknown, it appears to be involved in mRNA turnover and ribosome assembly. [provided by RefSeq].

MRTO4 Antibody (N-term) - References

Michalec, B., et al. Int. J. Biochem. Cell Biol. 42(5):736-748(2010)
Rose, J. PhD, et al. Mol. Med. (2010) In press :
Scherl, A., et al. Mol. Biol. Cell 13(11):4100-4109(2002)

Andersen, J.S., et al. Curr. Biol. 12(1):1-11(2002)