

MTG1 Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP16676c**Specification**

MTG1 Antibody (Center) - Product Information

Application	WB,E
Primary Accession	O9BT17
Other Accession	NP_612393.2
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	37237
Antigen Region	116-143

MTG1 Antibody (Center) - Additional Information**Gene ID** 92170**Other Names**

Mitochondrial ribosome-associated GTPase 1, GTP-binding protein 7, Mitochondrial GTPase 1, MTG1, GTPBP7

Target/Specificity

This MTG1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 116-143 amino acids from the Central region of human MTG1.

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

MTG1 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

MTG1 Antibody (Center) - Protein Information**Name** MTG1

Synonyms GTPBP7

Function Plays a role in the regulation of the mitochondrial ribosome assembly and of translational activity. Displays mitochondrial GTPase activity.

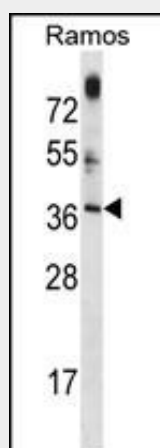
Cellular Location

Mitochondrion inner membrane; Peripheral membrane protein; Matrix side

MTG1 Antibody (Center) - 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](#)

MTG1 Antibody (Center) - Images

MTG1 Antibody (Center) (Cat. #AP16676c) western blot analysis in Ramos cell line lysates (35ug/lane). This demonstrates the MTG1 antibody detected the MTG1 protein (arrow).

MTG1 Antibody (Center) - Background

Mitochondrial GTPase. MTG1 may be involved in assembly of the large ribosomal subunit (By similarity).

MTG1 Antibody (Center) - References

Satoh, J., et al. Neuropathol. Appl. Neurobiol. 35(1):16-35(2009)
Premzl, M., et al. Mol. Biol. Evol. 21(12):2210-2231(2004)
Deloukas, P., et al. Nature 429(6990):375-381(2004)
Premzl, M., et al. Gene 314, 89-102 (2003) :
Barrientos, A., et al. Mol. Biol. Cell 14(6):2292-2302(2003)