10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

GTPBP5 Antibody - N-terminal region

Rabbit Polyclonal Antibody
Catalog # AI14873

Product Information

Application	WB
Primary Accession	Q9H4K7
Other Accession	NM_015666, NP_056481
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Guinea Pig, Horse, Bovine
Predicted	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Guinea Pig, Horse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	43955

Additional Information

Gene ID	26164
Alias Symbol	FLJ10741, MGC29512, ObgH1, dJ1005F21.2, GTPBP5
Other Names	Mitochondrial ribosome-associated GTPase 2, GTP-binding protein 5, Protein obg homolog 1, ObgH1, MTG2, GTPBP5, OBGH1
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-GTPBP5 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	GTPBP5 Antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

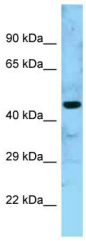
Protein Information

Name	MTG2
Synonyms	GTPBP5, OBGH1
Function	Plays a role in the regulation of the mitochondrial ribosome assembly and of translational activity. Displays GTPase activity. Involved in the ribosome maturation process.
Cellular Location	Mitochondrion. Mitochondrion inner membrane; Peripheral membrane protein; Matrix side

References

Ota T.,et al.Nat. Genet. 36:40-45(2004).
Deloukas P.,et al.Nature 414:865-871(2001).
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.
Bechtel S.,et al.BMC Genomics 8:399-399(2007).
Hirano Y.,et al.Genes Cells 11:1295-1304(2006).

Images



WB Suggested Anti-GTPBP5 Antibody Titration: 1.0 µg/ml
Positive Control: Fetal Kidney

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