

GTPBP10 Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP12715b**Specification**

GTPBP10 Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	A4D1E9
Other Accession	Q8K013 , NP_149098.2 , NP_001036182.1
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	42933
Antigen Region	243-271

GTPBP10 Antibody (C-term) - Additional Information**Gene ID** 85865**Other Names**

GTP-binding protein 10, Protein obg homolog 2, ObgH2, GTPBP10, OBGH2

Target/Specificity

This GTPBP10 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 243-271 amino acids from the C-terminal region of human GTPBP10.

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

GTPBP10 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

GTPBP10 Antibody (C-term) - Protein Information**Name** GTPBP10**Synonyms** OBGH2

Function May be involved in the ribosome maturation process. Complements an ObgE(CgtA) function in E.coli ribosome maturation. Plays a role of GTPase in vitro. When missing, disorganization of the nucleolar architecture is observed.

Cellular Location

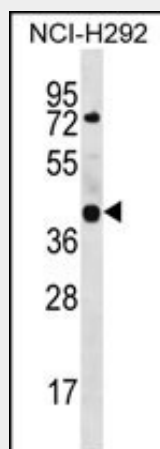
Nucleus, nucleolus. Chromosome. Note=Found in the dense fibrillar compartment region of the nucleolus. At the onset of mitosis moves to the chromosome surface and remains there until anaphase Gradually re-assembles into the nucleolus at late anaphase to telophase

GTPBP10 Antibody (C-term) - Protocols

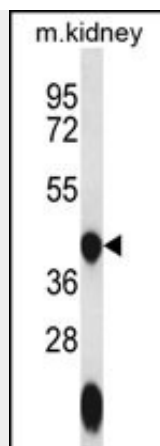
Provided below are standard protocols that you may find useful for product applications.

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

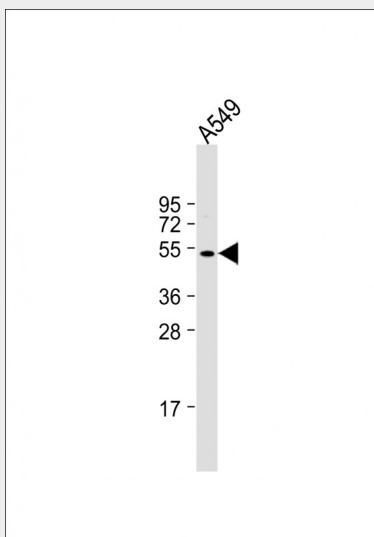
GTPBP10 Antibody (C-term) - Images



GTPBP10 Antibody (C-term) (Cat. #AP12715b) western blot analysis in NCI-H292 cell line lysates (35ug/lane). This demonstrates the GTPBP10 antibody detected the GTPBP10 protein (arrow).



GTPBP10 Antibody (C-term) (Cat. #AP12715b) western blot analysis in mouse kidney tissue lysates (35ug/lane). This demonstrates the GTPBP10 antibody detected the GTPBP10 protein (arrow).



Anti-GTPBP10 Antibody (C-term) at 1:1000 dilution + A549 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 43 kDa Blocking/Dilution buffer: 5% NFDm/TBST.

GTPBP10 Antibody (C-term) - Background

Small G proteins, such as GTPBP10, act as molecular switches that play crucial roles in the regulation of fundamental cellular processes such as protein synthesis, nuclear transport, membrane trafficking, and signal transduction (Hirano et al., 2006 [PubMed 17054726]).

GTPBP10 Antibody (C-term) - References

Hirano, Y., et al. Genes Cells 11(11):1295-1304(2006)