

GTPBP10 Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP12715b**Specification**

GTPBP10 Antibody (C-term) Blocking peptide - Product Information

Primary Accession [A4D1E9](#)

GTPBP10 Antibody (C-term) Blocking peptide - Additional Information

Gene ID 85865

Other Names

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

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

GTPBP10 Antibody (C-term) Blocking peptide - 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) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

GTPBP10 Antibody (C-term) Blocking peptide - Images**GTPBP10 Antibody (C-term) Blocking peptide - 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) Blocking peptide - References

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