

Anti-GTPBP5 Antibody

Catalog # AP53851

Specification

Anti-GTPBP5 Antibody - Product Information

Application WB, IHC Primary Accession Q9H4K7

Reactivity Human, Mouse, Rat

Host Rabbit
Clonality Polyclonal
Calculated MW 43955

Anti-GTPBP5 Antibody - Additional Information

Gene ID 26164

Other Names

GTPBP5; OBGH1; Mitochondrial ribosome-associated GTPase 2; GTP-binding protein 5; Protein obg homolog 1; ObgH1

Target/Specificity

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human GTPBP5. The exact sequence is proprietary.

Dilution

WB~~1/500 - 1/1000 IHC~~1:100~500

Format

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

Storage

Store at -20 °C. Stable for 12 months from date of receipt

Anti-GTPBP5 Antibody - 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

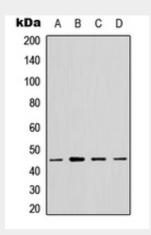


Anti-GTPBP5 Antibody - Protocols

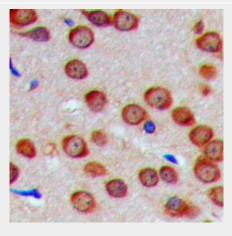
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

Anti-GTPBP5 Antibody - Images



Western blot analysis of GTPBP5 expression in A549 (A), HeLa (B), NS-1 (C), PC12 (D) whole cell lysates.



Immunohistochemical analysis of GTPBP5 staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

Anti-GTPBP5 Antibody - Background

Rabbit polyclonal antibody to GTPBP5