

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

Recognizes endogenous levels of GTPBP5 protein.

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

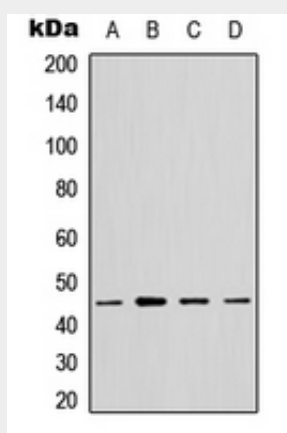
Mitochondrion. Mitochondrion inner membrane; Peripheral membrane protein; Matrix side

Anti-GTPBP5 Antibody - Protocols

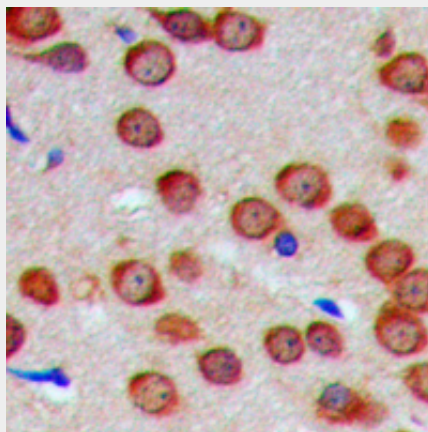
Provided below are standard protocols that you may find useful for product applications.

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