

GTPBP4 Antibody (C-Term)

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP21930b

Product Information

Application	WB, E
Primary Accession	Q9BZE4
Reactivity	Human, Rat, Mouse
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Clone Names	RB54425
Calculated MW	73964

Additional Information

Gene ID	23560
Other Names	Nucleolar GTP-binding protein 1, Chronic renal failure gene protein, GTP-binding protein NGB, GTPBP4, CRFG, NOG1
Target/Specificity	This GTPBP4 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 477-510 amino acids from human GTPBP4.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.05% (V/V) Proclin 300. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
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	GTPBP4 Antibody (C-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	GTPBP4 (HGNC:21535)
Synonyms	CRFG, NOG1
Function	Involved in the biogenesis of the 60S ribosomal subunit (PubMed: 32669547). Acts as a TP53 repressor, preventing TP53 stabilization and cell cycle arrest (PubMed: 20308539).

Cellular Location

Nucleus, nucleolus {ECO:0000269|PubMed:11316846, ECO:0000269|PubMed:12429849, ECO:0000269|Ref.8}

Background

Involved in the biogenesis of the 60S ribosomal subunit.

References

Cheng J.Q.,et al.Submitted (JAN-1999) to the EMBL/GenBank/DDBJ databases.

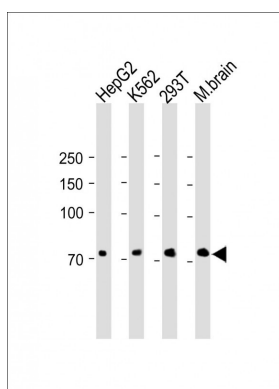
Laping N.J.,et al.J. Am. Soc. Nephrol. 12:883-890(2001).

Ota T.,et al.Nat. Genet. 36:40-45(2004).

Deloukas P.,et al.Nature 429:375-381(2004).

Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.

Images



All lanes : Anti-GTPBP4 Antibody (C-Term) at 1:1000 dilution Lane 1: HepG2 whole cell lysate Lane 2: K562 whole cell lysate Lane 3: 293T whole cell lysate Lane 4: Mouse brain tissue lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated (ASP1615) at 1/15000 dilution. Observed band size : 74kDa Blocking/Dilution buffer: 5% NFDm/TBST.

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