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GTPBP4 Antibody (C-Term)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP21930b

Product Information

Application	WB, E
Primary Accession	Q9BZE4
Reactivity	Human, Rat, Mouse
Predicted	Canine, Rabbit
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}

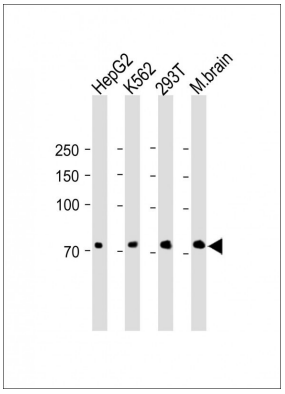
Background

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'.