

GTPBP4 Recombinant Rabbit mAb

Catalog # AP100027

Product Information

Application	WB, IHC-P, IHC-F, IF, IP
Primary Accession	Q9BZE4
Other Accession	Q9BZE4
Reactivity	Human
Host	Rabbit
Clonality	Recombinant
Calculated MW	73964
Physical State	Liquid
Immunogen	A synthesized peptide derived from human GTPBP4
Epitope Specificity	50-100/634
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	10mM phosphate buffered saline(pH 7.4) with 150mM sodium chloride, 0.05% BSA, 0.02% Proclin300 and 50% glycerol.
SIMILARITY	Belongs to the GTP1/OBG family. NOG subfamily.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	Involved in the biogenesis of the 60S ribosomal subunit.Acts as a TP53 repressor, preventing TP53 stabilization and cell cycle arrest.

Additional Information

Gene ID	23560
Other Names	CRFG; NGB; NOG1; 2610028C09Rik; Gtpbp3; RGD1563564; GTPB4_HUMAN; GTPBP4; Chronic renal failure gene protein; GTP-binding protein NGB; Nucleolar GTP-binding protein 1; GTPB4_MOUSE; GTPB4_RAT; GTP binding protein 4; G protein-binding protein CRFG; GTP-binding protein
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IP=1:20-50,Flow-Cyt=1:50-100,IF=1:100-500,ICC/IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

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}

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