

DATASHEET
GTPBP4 Rabbit Polyclonal Antibody
CAT. NO. APA14396
KEY FEATURES

Target	GTPBP4	Source / Host	Rabbit
Reactivity	Human, Mouse, Rat	Clonality	Polyclonal
Applications	WB, IHC	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		Storage at -20°C

BACKGROUND

Involved in the biogenesis of the 60S ribosomal subunit . Acts as a TP53 repressor, preventing TP53 stabilization and cell cycle arrest .

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:2000
IHC	1:50 - 1:200

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

Description	Rabbit polyclonal antibody to GTPBP4
Specificity	Recognizes endogenous levels of GTPBP4 protein.
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human GTPBP4
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 60; Observed: 74 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	CRFG; NOG1; Nucleolar GTP-binding protein 1; Chronic renal failure gene protein; GTP-binding protein NGB
Gene Symbol	GTPBP4
Entrez Gene	23560(Human); 69237(Mouse)
SwissProt	Q9BZE4(Human); Q99ME9(Mouse); Q99P77(Rat)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

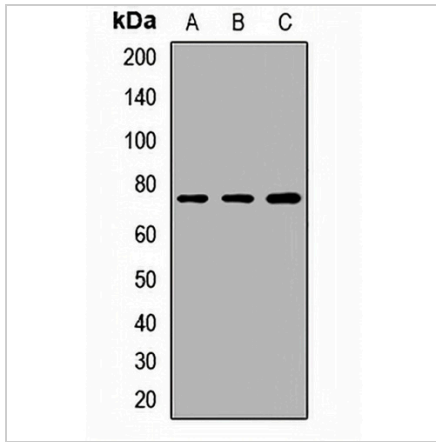
*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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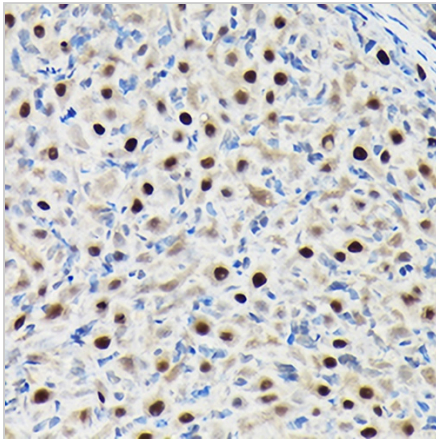
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DATA



Western blot analysis of GTPBP4 expression in HeLa (A), Jurkat (B), MCF7 (C) whole cell lysates. (Predicted band size: 60; 68; 73 kD; Observed band size: 74 kD)



Immunohistochemical analysis of GTPBP4 staining in rat ovary 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.

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.