

Datasheet for ABIN1881398
anti-GTPBP3 antibody (AA 293-320)[Go to Product page](#)

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Overview

Quantity:	400 µL
Target:	GTPBP3
Binding Specificity:	AA 293-320
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GTPBP3 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This GTPBP3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 293-320 amino acids from the Central region of human GTPBP3.
Clone:	RB40710
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	GTPBP3
Alternative Name:	GTPBP3 (GTPBP3 Products)
Background:	This locus encodes a GTP-binding protein. The encoded protein is localized to the mitochondria

Target Details

and may play a role in mitochondrial tRNA modification. Polymorphisms at this locus may be associated with severity of aminoglycoside-induced deafness, a disease associated with a mutation in the 12S rRNA. Alternatively spliced transcript variants encoding different isoforms have been described.

Molecular Weight: 52058

NCBI Accession: [NP_001122327](#), [NP_001182351](#), [NP_116009](#), [NP_598399](#)

UniProt: [Q969Y2](#)

Application Details

Application Notes: WB: 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

Expiry Date: 6 months

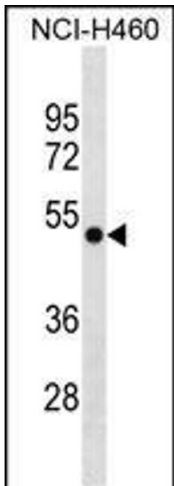
Publications

Product cited in: Xiang, Jiang, Liu, Zhang, Zhu: "hMan2c1 transgene promotes tumor progress in mice." in: **Transgenic research**, Vol. 19, Issue 1, pp. 67-75, (2010) ([PubMed](#)).

Tian, Ju, Zhou, Liu, Zhu: "Inhibition of alpha-mannosidase Man2c1 gene expression suppresses growth of esophageal carcinoma cells through mitotic arrest and apoptosis." in: **Cancer science**, Vol. 99, Issue 12, pp. 2428-34, (2008) ([PubMed](#)).

Qu, Ju, Chen, Shi, Xiang, Zhou, Tian, Liu, Zhu: "Inhibition of the alpha-mannosidase Man2c1 gene expression enhances adhesion of Jurkat cells." in: **Cell research**, Vol. 16, Issue 7, pp. 622-

31, (2006) ([PubMed](#)).



Western Blotting

Image 1. GTPBP3 Antibody (Center) (ABIN1881398 and ABIN2838631) western blot analysis in NCI- cell line lysates (35 µg/lane). This demonstrates the GTPBP3 antibody detected the GTPBP3 protein (arrow).