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Datasheet for ABIN7268800  
**anti-NDUFA13 antibody**

1 Image

### Overview

Quantity:	100 µL
Target:	NDUFA13
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This NDUFA13 antibody is un-conjugated
Application:	Western Blotting (WB)

### Product Details

Purpose:	NDUFA13/GRIM19 Rabbit mAb
Immunogen:	A synthesized peptide derived from human NDUFA13/NDUFA13/GRIM19
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Monoclonal Antibodies
Purification:	Affinity purification

### Target Details

Target:	NDUFA13
Alternative Name:	NDUFA13 ( <a href="#">NDUFA13 Products</a> )
Background:	This gene encodes a subunit of the mitochondrial membrane respiratory chain NADH

## Target Details

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dehydrogenase (Complex I), which functions in the transfer of electrons from NADH to the respiratory chain. The protein is required for complex I assembly and electron transfer activity. The protein binds the signal transducers and activators of transcription 3 (STAT3) transcription factor, and can function as a tumor suppressor. The human protein purified from mitochondria migrates at approximately 16 kDa. Transcripts originating from an upstream promoter and capable of expressing a protein with a longer N-terminus have been found, but their biological validity has not been determined. [provided by RefSeq, Oct 2009],B16.6, CDA016, CGI-39, GRIM-19, GRIM19,Apoptosis,Cancer,Cell Biology & Developmental Biology,Cell Cycle,Endocrine & Metabolism,Epigenetics & Nuclear Signaling,Mitochondrial metabolism,Mitochondrial metabolism\_Oxidative phosphorylation,Neurodegenerative Diseases,Neuroscience,NDUFA13

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Molecular Weight: 17kDa

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Gene ID: 51079

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UniProt: [Q9P0J0](#)

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Pathways: [Protein targeting to Nucleus](#), [Negative Regulation of intrinsic apoptotic Signaling](#)

## Application Details

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Application Notes: WB,1:500 - 1:2000

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Buffer: PBS with 0.02 % sodium azide,0.05 % BSA,50 % glycerol, pH 7.3.

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Preservative: Sodium azide

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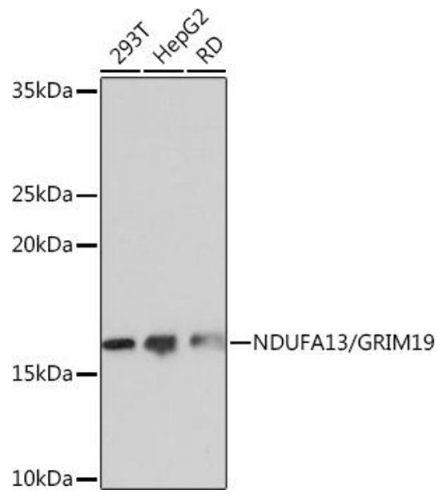
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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Storage: -20 °C

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Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



### Western Blotting

**Image 1.** Western blot analysis of extracts of various cell lines, using NDUFA13/GRIM19 Rabbit mAb (ABIN7268800) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 10s.