

Product datasheet for **TA332677S**

GRIM19 (NDUFA13) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, WB
Recommended Dilution:	WB, 1:500 - 1:1000 ELISA, Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Formulation:	PBS with 0.09% Sodium azide, 50% glycerol, pH 7.3.
Concentration:	lot specific
Purification:	Affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C. Avoid freeze / thaw cycles.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	17kDa
Gene Name:	NADH:ubiquinone oxidoreductase subunit A13
Database Link:	NP_057049 Entrez Gene 67184 Mouse Entrez Gene 314759 Rat Entrez Gene 100911483 Rat Entrez Gene 51079 Human Q9P0J0



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Background:

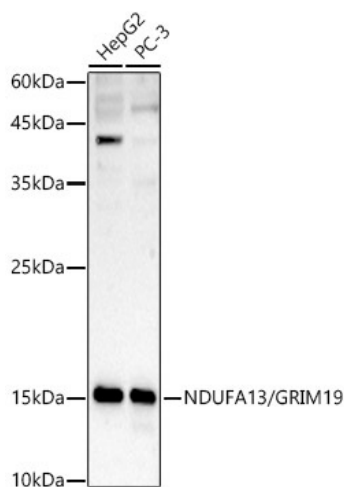
This gene encodes a subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I), which functions in the transfer of electrons from NADH to the respiratory chain. The protein is required for complex I assembly and electron transfer activity. The protein binds the signal transducers 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.

Synonyms:

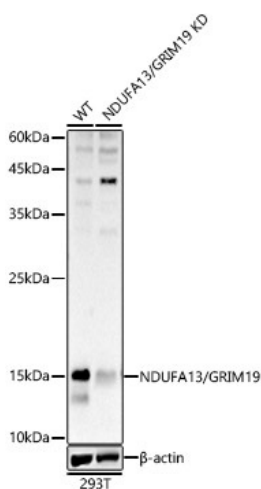
B16.6; CDA016; CGI-39; GRIM-19; GRIM19

Protein Families:

Transcription Factors, Transmembrane

Product images:


Western blot analysis of lysates from wild type (WT) and NDUFA13/GRIM19 knockout (KO) HeLa cells



Western blot analysis of various lysates