

Product datasheet for **TA369153S**

GRIM19 (NDUFA13) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: Mouse spleen and skeletal muscle tissue, human hepatocellular carcinoma, mouse liver and human placenta tissue, Hela and 293T cells tissue IHC: 50-200 Positive control: Human ovarian cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human NDUFA13
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	17 kDa
Gene Name:	NADH:ubiquinone oxidoreductase subunit A13
Database Link:	Entrez Gene 51079 Human Q9P0J0



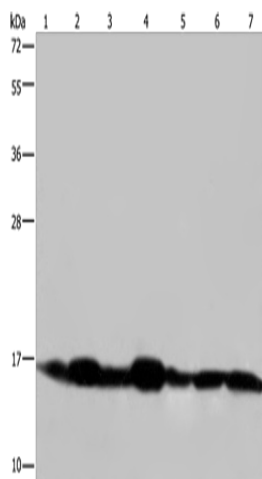
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Background:

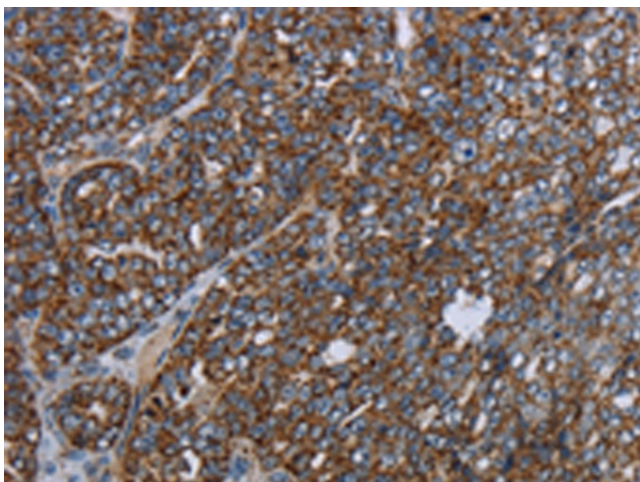
This gene encodes a subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I), which functions in the transfer of electrons from NADH to the respiratory chain. The protein is required for complex I assembly and electron transfer activity. The protein binds the signal transducers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

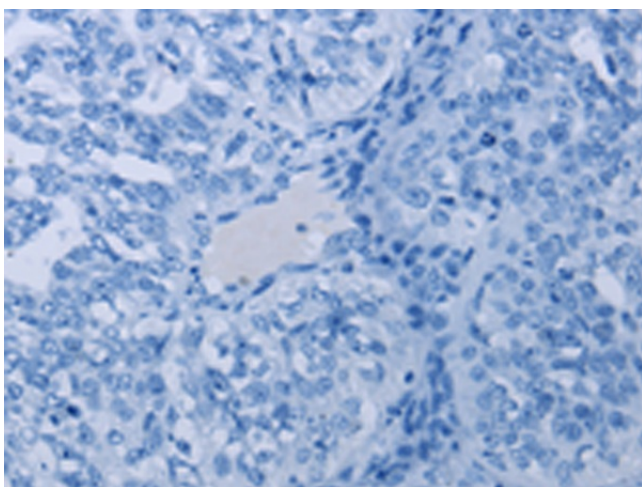
B16.6; CDA016; CGI-39; CI-B16.6; FLJ58045; FLJ59191; GRIM-19; GRIM19

Product images:


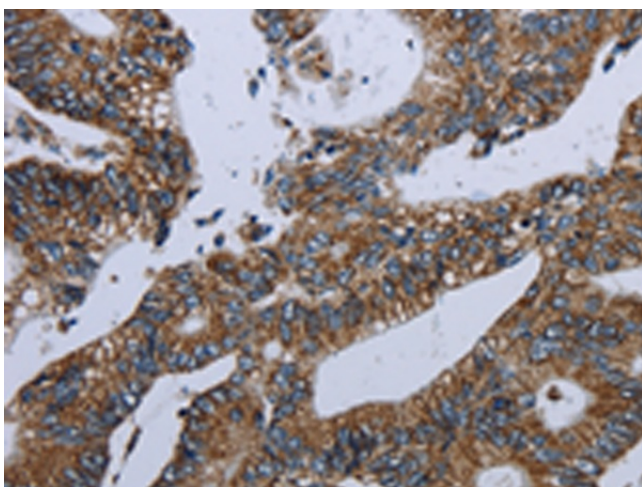
Gel: 10%SDS-PAGE
 Lysate: 40 µg
 Lane 1-7: Mouse spleen tissue
 Mouse skeletal muscle tissue
 human hepatocellular carcinoma tissue
 mouse liver tissue
 human placenta tissue
 Hela cells
 293T cells
 Primary antibody: [TA369153] (NDUFA13 Antibody) at dilution 1/350
 Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution
 Exposure time: 30 seconds



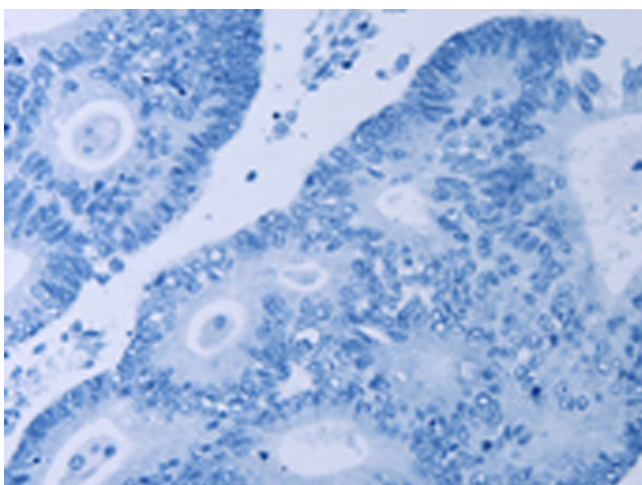
Immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using [TA369153] (NDUFA13 Antibody) at dilution 1/40 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using [TA369153] (NDUFA13 Antibody) at dilution 1/40, treated with fusion protein. (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human colon cancer tissue using [TA369153] (NDUFA13 Antibody) at dilution 1/40 (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human colon cancer tissue using [TA369153] (NDUFA13 Antibody) at dilution 1/40, treated with fusion protein. (Original magnification: $\times 200$)