

Product datasheet for **TA350036**

GRIM19 (NDUFA13) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: Mouse skeletal muscle and human hepatocellular carcinoma tissue IHC: 100-300 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
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	17 kDa
Gene Name:	NADH:ubiquinone oxidoreductase subunit A13
Database Link:	NP_057049 Entrez Gene 67184 Mouse 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:

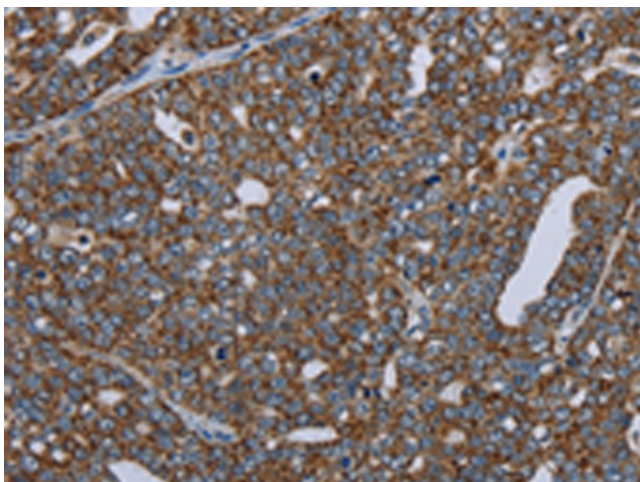
B16.6; CDA016; CGI-39; GRIM-19; GRIM19

Protein Families:

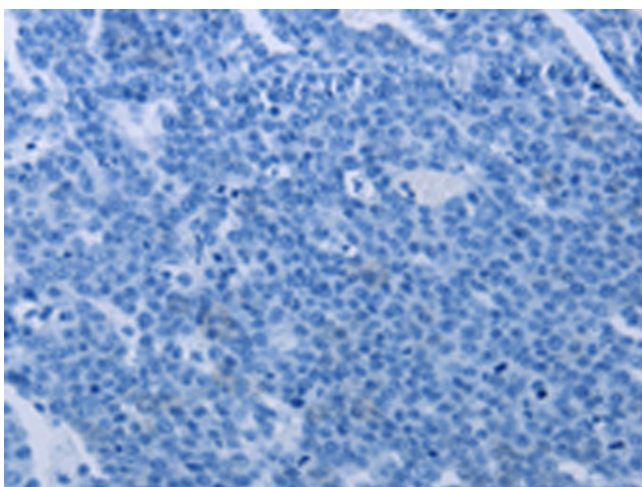
Transcription Factors, Transmembrane

Product images:

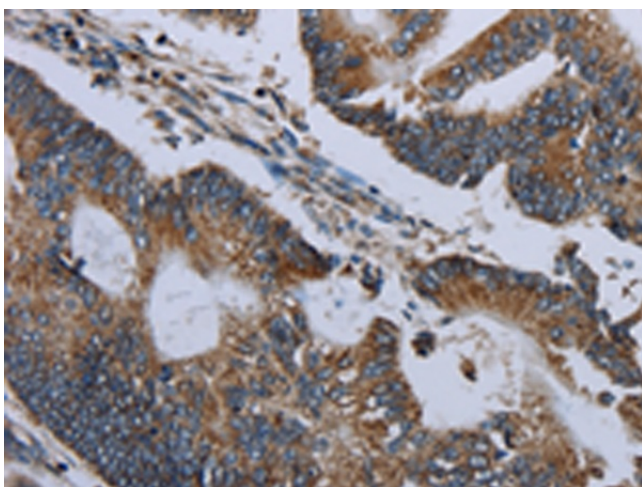
Gel: 10%SDS-PAGE
Lysate: 40 µg
Lane 1-2: Mouse skeletal muscle
human hepatocellular carcinoma tissue
Primary antibody: TA350036 (NDUFA13 Antibody)
at dilution 1/350
Secondary antibody: Goat anti rabbit IgG at
1/8000 dilution
Exposure time: 5 minutes



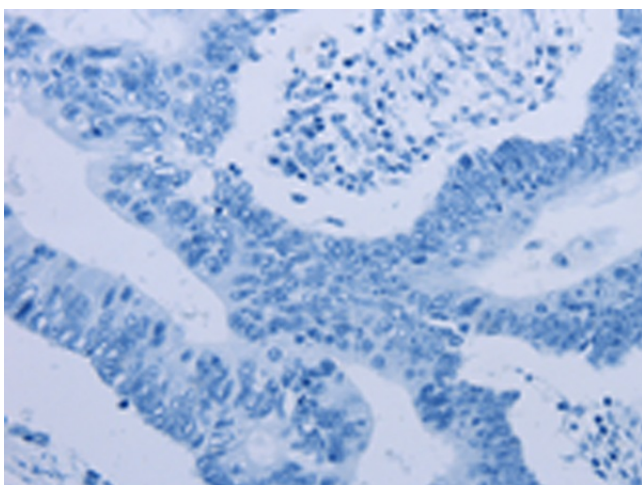
Immunohistochemistry of paraffin-embedded
Human ovarian cancer tissue using TA350036
(NDUFA13 Antibody) at dilution 1/50 (Original
magnification: x200)



Immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using TA350036 (NDUFA13 Antibody) at dilution 1/50, treated with fusion protein. (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human colon cancer tissue using TA350036 (NDUFA13 Antibody) at dilution 1/50 (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human colon cancer tissue using TA350036 (NDUFA13 Antibody) at dilution 1/50, treated with fusion protein. (Original magnification: $\times 200$)