

GRIM19 Polyclonal Antibody

Catalog number: 10986-1-AP

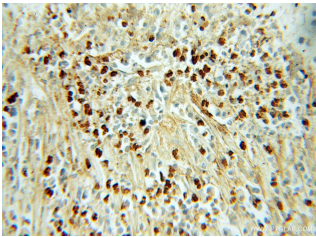
Size: 32 µg/150 µl

Source: Rabbit

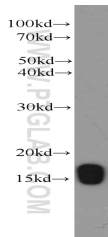
Isotype: IgG

Synonyms:

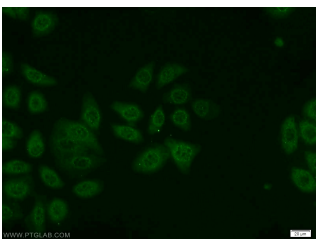
NDUFA13; B16.6, CDA016, CGI 39, CI B16.6, Complex I B16.6, GRIM 19, GRIM19, NDUFA13



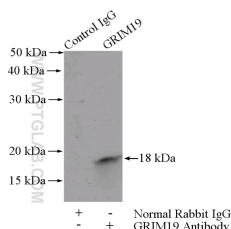
Immunohistochemical of paraffin-embedded human prostate cancer using 10986-1-AP (GRIM19 antibody) at dilution of 1:50 (under 10x lens)



human placenta tissue were subjected to SDS PAGE followed by western blot with 10986-1-AP (GRIM19 antibody) at dilution of 1:800



Immunofluorescent analysis of MCF-7 cells using 10986-1-AP (GRIM19 Antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



IP Result of anti-GRIM19

Background

GRIM19 (Gene associated with retinoic and interferon-induced mortality 19 protein) is also named as NDUFA13, CI-B16.6 and belongs to the complex I NDUFA13 subunit family. GRIM-19 may distribute in the mitochondria and/or nucleus depending on the cell type. Alternatively, its cellular localization may be regulated by post-translational modifications such as phosphorylation and acetylation. Lastly, GRIM-19 may exist in different isoforms that may be distributed in distinct cellular locations (PMID:12628925).

Applications

Tested applications:	ELISA, WB, IHC, IF, IP
Species specificity:	Human, Mouse, Rat; other species not tested.
Calculated GRIM19 MW:	16.5 kDa
Observed GRIM19 MW:	16.5kd
Positive WB detected in	Human placenta tissue, HEK-293 cells, HeLa cells, Jurkat cells, MCF7 cells
Positive IP detected in	HEK-293 cells
Positive IHC detected in	Human prostate cancer tissue, human heart tissue, human kidney tissue
Positive IF detected in	MCF-7 cells, HeLa cells
Recommended dilution:	WB: 1:500-1:5000 IP: 1:200-1:2000 IHC: 1:20-1:200 IF: 1:20-1:200

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag1435
GenBank accession number:	BC009189
Gene ID (NCBI):	51079
Full name:	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 13

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.

(IP:10986-1-AP, 4ug;
Detection:10986-1-AP 1:500)
with HEK-293 cells lysate
2000ug.