

GRIM19 Antibody
Rabbit mAb
Catalog # AP91895

Specification

GRIM19 Antibody - Product Information

Application	WB, IHC, ICC
Primary Accession	O9P0J0
Clonality	Monoclonal
Other Names	
B16.6; CDA016; CGI-39; GRIM19; GRIM-19;	
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	16698 Da

GRIM19 Antibody - Additional Information

Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human GRIM19
Description	Accessory subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I), that is believed not to be involved in catalysis. Complex I functions in the transfer of electrons from NADH to the respiratory chain.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

GRIM19 Antibody - Protein Information

Name NDUFA13

Synonyms GRIM19

Function

Accessory subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I), that is believed not to be involved in catalysis (PubMed:[27626371](http://www.uniprot.org/citations/27626371)). Complex I functions in the transfer of electrons from NADH to the respiratory chain. The immediate electron acceptor for the enzyme is believed to be ubiquinone (PubMed:[27626371](http://www.uniprot.org/citations/27626371)). Involved in the interferon/all-trans-retinoic acid (IFN/RA) induced cell death. This apoptotic activity is inhibited by interaction with viral IRF1. Prevents the transactivation of STAT3 target genes. May play a role

in CARD15-mediated innate mucosal responses and serve to regulate intestinal epithelial cell responses to microbes (PubMed:15753091).

Cellular Location

Mitochondrion inner membrane; Single-pass membrane protein; Matrix side. Nucleus

Note=Localizes mainly in the mitochondrion (PubMed:12628925). May be translocated into the nucleus upon IFN/RA treatment

Tissue Location

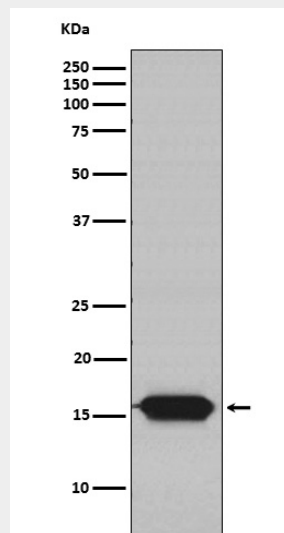
Widely expressed, with highest expression in heart, skeletal muscle, liver, kidney and placenta. In intestinal mucosa, down-regulated in areas involved in Crohn disease and ulcerative colitis.

GRIM19 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

GRIM19 Antibody - Images



Western blot analysis of GRIM19 expression in Ramos cell lysate.