

**DATASHEET**

**GRIM19 Rabbit Polyclonal Antibody**

CAT. NO. APA13573

**KEY FEATURES**

Target	GRIM19	Source / Host	Rabbit
Reactivity	Human, Mouse	Clonality	Polyclonal
Applications	WB	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		Storage at -20°C

**BACKGROUND**

Accessory subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I), that is believed not to be involved in catalysis, that is believed not to be involved in catalysis. 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. 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.

**APPLICATION**

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:2000
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\*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

**PRODUCT OVERVIEW**

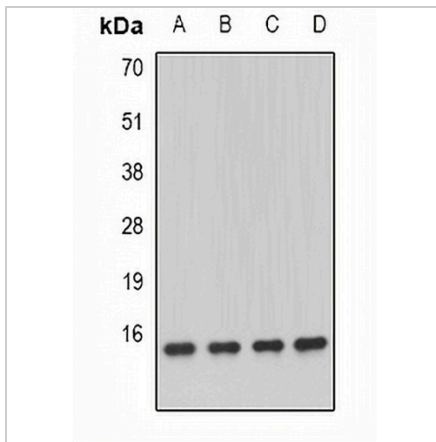
Description	Rabbit polyclonal antibody to GRIM19
Specificity	Recognizes endogenous levels of GRIM19 protein.
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human GRIM19
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 16; Observed: 17 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	GRIM19; NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 13; Cell death regulatory protein GRIM-19; Complex I-B16.6; CI-B16.6; Gene associated with retinoic and interferon-induced mortality 19 protein; GRIM-19; Gene associated with retinoic and IFN-induced mortality 19 protein; NADH-ubiquinone oxidoreductase B16.6 subunit
Gene Symbol	NDUFA13
Entrez Gene	51079(Human); 67184(Mouse)
SwissProt	Q9P0J0(Human); Q9ERS2(Mouse)

\*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact [info@arexbio.com](mailto:info@arexbio.com) or your local distributor.

\*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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**DATA**

Western blot analysis of GRIM19 expression in MCF7 (A), K562 (B), mouse kidney (C), mouse heart (D) whole cell lysates. (Predicted band size: 16; 24 kD; Observed band size: 17 kD)

**STORAGE**

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

**NOTE**

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.