

## GRIM-19 Polyclonal Antibody

<b>CATALOG #:</b>	3492-100
<b>AMOUNT:</b>	100 µg
<b>LOT #:</b>	_____
<b>HOST:</b>	Rabbit
<b>IMMUNOGEN:</b>	Two synthetic peptides surrounding amino acid 19 and 55 of human GRIM-19
<b>SPECIES REACTIVITY:</b>	Human

### FORMULATION:

100 µg (0.5 mg/ml) immunoaffinity purified rabbit polyclonal antibody in phosphate-buffered saline (PBS) containing 30% glycerol, 0.5% BSA, and 0.01% thimerosal.

### STORAGE CONDITIONS:

Store at -20°C. For long term storage, aliquot and freeze at -70°C. Avoid repeated freeze/thaw cycles.

### BACKGROUND:

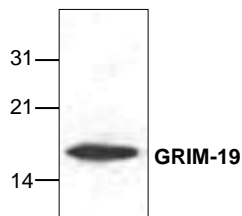
Mitochondrial NADH:ubiquinone oxidoreductase (complex I) catalyzes the first step in the electron transport chain, the oxidation of NADH to NAD<sup>+</sup> coupled to proton translocation across the inner mitochondrial membrane. GRIM-19 is a component of the complex I and is a product of a cell death regulatory gene induced by interferon-β and retinoic acid. GRIM-19 has previously been detected in HeLa cells, predominantly in the nucleus, though punctate staining of the cytoplasm was also observed.

### SPECIFICITY:

The antibody recognizes 16 kDa GRIM-19 of human origin. Reactivity to other species has not been tested.

### APPLICATION:

The antibody has been used in Western blotting (0.5-4 µg/ml). However, the optimal concentrations should be determined individually.



**Cat. #: 3492-100**  
Western blot analysis of GRIM-19 with HeLa cell lysate.

**FOR RESEARCH USE ONLY! Not to be used on humans.**

### RELATED PRODUCTS:

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