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Datasheet for ABIN7146912  
**anti-CARD16 antibody (AA 1-197) (Biotin)**

### Overview

Quantity:	100 µL
Target:	CARD16
Binding Specificity:	AA 1-197
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CARD16 antibody is conjugated to Biotin
Application:	ELISA

### Product Details

Immunogen:	Recombinant Human Caspase recruitment domain-containing protein 16 protein (1-197AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Antigen Affinity Purified

### Target Details

Target:	CARD16
Alternative Name:	CARD16 ( <a href="#">CARD16 Products</a> )
Background:	Background: Caspase inhibitor. Acts as a regulator of procaspase-1/CASP1 activation implicated in the regulation of the proteolytic maturation of pro-interleukin-1 beta (IL1B) and its

## Target Details

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release during inflammation. Inhibits the release of IL1B in response to LPS in monocytes. Also induces NF-kappa-B activation during the pro-inflammatory cytokine response. Also able to inhibit CASP1-mediated neuronal cell death, TNF-alpha, hypoxia-, UV-, and staurosporine-mediated cell death but not ER stress-mediated cell death. Acts by preventing activation of caspases CASP1 and CASP4, possibly by preventing the interaction between CASP1 and RIPK2. Aliases: CAR16\_HUMAN antibody, CARD only domain-containing protein 1 antibody, CARD only protein antibody, CARD16 antibody, Caspase recruitment domain family, member 16 antibody, Caspase recruitment domain-containing protein 16 antibody, Caspase-1 dominant-negative inhibitor pseudo-ICE antibody, Caspase-1 inhibitor COP antibody, COP antibody, COP1 antibody, Pseudo interleukin 1 beta converting enzyme antibody, Pseudo interleukin-1 beta converting enzyme antibody, Pseudo interleukin-1beta converting enzyme antibody, PSEUDO-ICE antibody

UniProt: [Q5EG05](#)

## Application Details

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Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

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Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.