

Rabbit anti-Human CARD16 Polyclonal Antibody | anti-CARD16 antibody

CARD16 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA174819	Rabbit	Human	ELISA, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

CARD16; Polyclonal Antibody; CARD16 Polyclonal Antibody; CAR16; CARD only domain-containing protein 1; CARD only protein; Caspase recruitment domain family; member 16; Caspase recruitment domain-containing protein 16; Caspase-1 dominant-negative inhibitor pseudo-ICE; Caspase-1 inhibitor COP; COP; COP1; Pseudo interleukin 1 beta converting enzyme; Pseudo interleukin-1 beta converting enzyme; Pseudo interleukin-1beta converting enzyme; PSEUDO-ICE; anti-CARD16 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purification
Form/Format	PBS with 0.05% NaN ₃ and 40% Glycerol, pH7.4
Concentration	1.1mg/mL (varies by lot)
Sequence Length	197
Applicable Applications for anti-CARD16 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Synthetic peptide of human CARD16
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human liver cancer tissue using CARD16 Polyclonal Antibody at dilution of 1:55(×200)



WB (Western Blot)

Western blot analysis of Human placenta tissue lysate using CARD16 Polyclonal Antibody at dilution of 1:800

ADDITIONAL INFORMATION

Related Product Information for anti-CARD16 antibody

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 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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	62953113
NCBI GeneID	114769
NCBI Accession #	NP_001017534.1
NCBI GenBank Nucleotide #	NP_001017534.1
UniProt Accession #	Q5EG05
Molecular Weight	23 kDa
NCBI Official Full Name	caspase recruitment domain-containing protein 16 isoform 1
NCBI Official Synonym Full Names	caspase recruitment domain family member 16
NCBI Official Symbol	CARD16
NCBI Official Synonym Symbols	COP; COP1; PSEUDO-ICE
NCBI Protein Information	caspase recruitment domain-containing protein 16
UniProt Protein Name	Caspase recruitment domain-containing protein 16
UniProt Gene Name	CARD16
UniProt Synonym Gene Names	COP; COP1; Pseudo-ICE
UniProt Entry Name	CAR16_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.