

Product datasheet for **TA330316**

CARD12 (NLRC4) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB, IHC
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-NLRC4 antibody: synthetic peptide directed towards the C terminal of human NLRC4. Synthetic peptide located within the following region: QLNLAGNRVSSDGWLAFMGVFENLKQLVFFDFSTKEFLPDPALVRKLSQV
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	116 kDa
Gene Name:	NLR family, CARD domain containing 4
Database Link:	NP_067032 Entrez Gene 58484 Human Q9NPP4
Background:	In <i>C. elegans</i> , Ced4 binds and activates Ced3, an apoptotic initiator caspase, via caspase-associated recruitment domains (CARDs). Human Ced4 homologs include APAF1, NOD1, and NOD2. These proteins have at least 1 N-terminal CARD domain followed by a centrally located nucleotide-binding domain (NBD or NACHT) and a C-terminal regulatory domain, found only in mammals, that contains either WD40 repeats or leucine-rich repeats (LRRs). CARD12 is a member of the Ced4 family and can induce apoptosis.
Synonyms:	AIFEC; CARD12; CLAN; CLAN1; CLANA; CLANB; CLANC; CLAND; CLR2.1; FCAS4; IPAF



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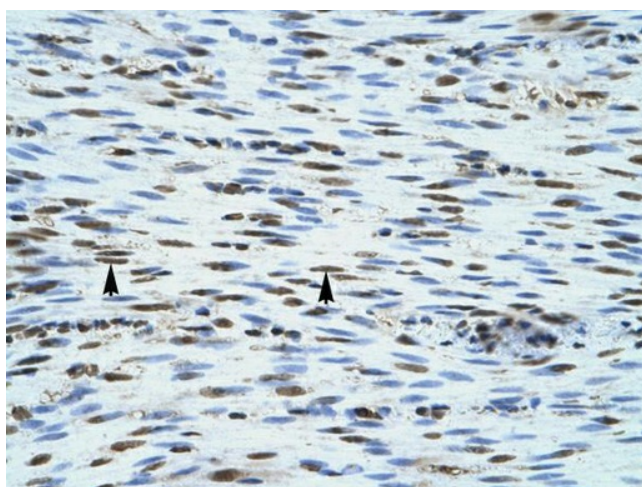
Note: Immunogen sequence homology: Human: 100%; Mouse: 86%; Guinea pig: 80%; Rat: 80%

Protein Pathways: NOD-like receptor signaling pathway

Product images:



WB Suggested Anti-NLRC4 Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1:62500; Positive Control: HepG2 cell lysate



Human Smooth Muscle