

Product datasheet for **TA306093**

CARD9 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, ICC, WB
Recommended Dilution:	CARD9 antibody can be used for detection of CARD9 by Western blot at 2.5 µg/mL. A band at approximately 59 kDa can be detected. Antibody can also be used for immunocytochemistry starting at 10 µg/mL. Antibody validated: Western Blot in human samples and Immunocytochemistry in human samples. All other applications and species not yet tested.
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	CARD9 antibody was raised against a synthetic peptide corresponding to amino acids 521 to 536 of human CARD9. The sequence is different from that of rat origin by two amino acids.
Formulation:	PBS containing 0.02% sodium azide.
Concentration:	1 µg/ul
Purification:	CARD9 Antibody is DEAE purified.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	caspase recruitment domain family member 9
Database Link:	AF311287 Entrez Gene 64170 Human Q9H257



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Background:

Apoptosis is related to many diseases and development. Cell death signals are transduced by death domain (DD), death effector domain (DED), and caspase recruitment domain (CARD) containing molecules. CARD containing proteins include some caspases, Apaf-1, CARD4, IAPs, RICK, ARC, RAIDD, BCL-10, and ASC. A novel CARD-containing protein was recently identified and designated CARD9, which interacts with the CARD activation domain of BCL-10 (1). CARD9 associates with BCL-10 and forms a complex within cells. CARD9 induces apoptosis and activates NF-kappaB. CARD9 is an upstream activator of BCL-10 and NF-kappaB signaling.

Synonyms:

CANDF2; hCARD9