

Rabbit anti-Human CARD9 Polyclonal Antibody | anti-CARD9 antibody

Anti-CARD9 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA125425	Rabbit	Human	ELISA, Flow Cytometry, Functional Assay, Immunofluorescence, Immunocytochemistry, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

CARD9; Polyclonal Antibody; Anti-CARD9 Antibody; Caspase recruitment domain-containing protein 9. Hcard9. CARD9; anti-CARD9 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	No cross reactivity with other proteins.
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized Each vial contains 4mg Trehalose, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
Sequence Length	2132
Applicable Applications for anti-CARD9 antibody	ELISA (Direct ELISA), FCM/FACS (Flow Cytometry), IF (Immunofluorescence), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	E Coli-derived human CARD9 recombinant protein (Position: M1-D429).
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	Store at -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen store at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES

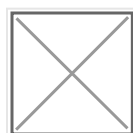
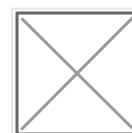
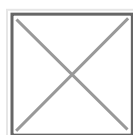
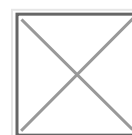

WB (Western Blot)

Figure 1. Western blot analysis of CARD9 using anti-CARD9 antibody.


IHC (Immunohistochemistry)

IF (Immunofluorescence)

FCM/FACS (Flow Cytometry)



FCM/FACS (Flow Cytometry)

ADDITIONAL INFORMATION

Related Product Information for anti-CARD9 antibody	Background: Caspase recruitment domain-containing protein 9 is an adaptor protein of the CARD-CC protein family, which in humans is encoded by the CARD9 gene. It is mapped to 9q34.3. The protein encoded by this gene is a member of the CARD protein family, which is defined by the presence of a characteristic caspase-associated recruitment domain (CARD). CARD is a protein interaction domain known to participate in activation or suppression of CARD containing members of the caspase family, and thus plays an important regulatory role in cell apoptosis. This protein was identified by its selective association with the CARD domain of BCL10, a postive regulator of apoptosis and NF-kappaB activation, and is thought to function as a molecular scaffold for the assembly of a BCL10 signaling complex that activates NF-kappaB. Several alternatively spliced transcript variants have been observed, but their full-length nature is not clearly defined.
References	<div>1. Hsu, Y.-M. S., Zhang, Y., You, Y., Wang, D., Li, H., Duramad, O., Qin, X.-F., Dong, C., Lin, X. The adaptor protein CARD9 is required for innate immune responses to intracellular pathogens. Nature Immun. 8: 198-205, 2007.</div> <div>2. Lanternier, F., Pathan, S., Vincent, Q. B., Liu, L., Cypowyj, S., Prando, C., Migaud, M., Taibi, L., Ammar-Khodja, A., Boudghene Stambouli, O., Guellil, B., Jacobs, F., and 21 others. Deep dermatophytosis and inherited CARD9 deficiency. New Eng. J. Med. 369: 1704-1714, 2013.</div> <div>3. Yang, H., Minamishima, Y. A., Yan, Q., Schlisio, S., Ebert, B. L., Zhang, X., Zhang, L., Kim, W. Y., Olumi, A. F., Kaelin, W. G., Jr. pVHL acts as an adaptor to promote the inhibitory phosphorylation of the NF-kappa-B agonist Card9 by CK2. Molec. Cell 28: 15-27, 2007.</div>

NCBI AND UNIPROT INFORMATION

NCBI GI #	11066983
NCBI GeneID	64170
UniProt Accession #	Q9H257
NCBI Official Full Name	Homo sapiens caspase recruitment domain protein 9 mRNA, complete cds
NCBI Official Synonym Full Names	caspase recruitment domain family member 9
NCBI Official Symbol	CARD9
NCBI Official Synonym Symbols	CANDF2; hCARD9
NCBI Protein Information	caspase recruitment domain-containing protein 9
UniProt Protein Name	Caspase recruitment domain-containing protein 9
UniProt Gene Name	CARD9
UniProt Synonym Gene Names	hCARD9
UniProt Entry Name	CARD9_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/card9-antibody-direct-elisa-flow-cytometry-immunofluorescence-immunocytochemistry-immunohistochemistry-western-blot-elisa/125425>