

Datasheet for ABIN2787348
anti-CARD9 antibody (Middle Region)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	CARD9
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Horse, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CARD9 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human CARD9
Sequence:	ALHQEQVLRN PHDAGLSSGE PPEKERRRLK ESFENYRRKR ALRKMQLKGWR
Predicted Reactivity:	Dog: 92%, Horse: 86%, Human: 100%, Mouse: 90%
Characteristics:	This is a rabbit polyclonal antibody against CARD9. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	CARD9
Alternative Name:	CARD9 (CARD9 Products)
Background:	The protein encoded by this gene is a member of the CARD protein family, which is defined by

Target Details

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 positive 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.

Alias Symbols: hCARD9, CANDF2

Protein Interaction Partner: KRTAP10-3, MFAP1, MEOX2, LMO1, ABLIM1, KRT31, KRT19, PHC2, DAXX, TRIM23, AES, KRTAP10-5, KRTAP10-1, CCDC36, TRIM42, CEP57L1, RTP5, PPP1R18, TCEANC, ALS2CR11, ZNF417, CWF19L2, ZNF572, KRT40, SSX2IP, PNMA5, C1orf94, ZNF587, LZTS2, ZCCHC7, FAM161A, CEP70, FA

Protein Size: 536

Molecular Weight: 62 kDa

Gene ID: 64170

NCBI Accession: [NM_052813](#), [NP_434700](#)

UniProt: [Q9H257](#)

Pathways: [Activation of Innate immune Response](#)

Application Details

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

Comment: Antigen size: 536 AA

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

Preservative: Sodium azide

Handling

Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Validation report #103662 for Western Blotting (WB)

