



Rabbit Anti-Human CARD9 Polyclonal Antibody (CABT-L2269)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Polyclonal Antibody to Caspase Recruitment Domain Family, Member 9 (Knockout Validated)
Specificity	The antibody is a rabbit polyclonal antibody raised against CARD9. It has been selected for its ability to recognize CARD9 in immunohistochemical staining and western blotting.
Target	CARD9
Immunogen	Recombinant fragment corresponding to human CARD9 (Asp26~Leu283)
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Antigen-specific affinity chromatography followed by Protein A affinity chromatography
Conjugate	Unconjugated
Applications	WB
Format	Liquid
Concentration	Lot specific
Size	200 µg
Buffer	Supplied as solution form in 0.01M PBS with 50% glycerol, pH7.4.
Preservative	0.05% Proclin-300

Storage	Avoid repeated freeze/thaw cycles. Store at 4°C for frequent use. Aliquot and store at -20°C for 12 months.
Ship	4°C with ice bags

BACKGROUND

Introduction	<p>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. [provided by RefSeq, Jul 2008]</p>
Keywords	CARD9

GENE INFORMATION

Gene Name	CARD9 caspase recruitment domain family, member 9 [Homo sapiens (human)]
Official Symbol	CARD9
Synonyms	CARD9; caspase recruitment domain family, member 9; CANDF2; hCARD9; caspase recruitment domain-containing protein 9;
Entrez Gene ID	64170
Protein Refseq	NP_434700
UniProt ID	A0A024R8F1
Chromosome Location	9q34.3
Pathway	Immune System; Innate Immune System; NOD pathway; NOD-like receptor signaling pathway; NOD1/2 Signaling Pathway; Nucleotide-binding domain, leucine rich repeat containing receptor (NLR) signaling pathways; Tuberculosis;
Function	CARD domain binding; protein homodimerization activity;