# Rabbit CARD9 Polyclonal Antibody | anti-CARD9 antibody

CARD9 Polyclonal Antibody

| CATALOG # | HOST | REACTIVITY | APPLICATIONS |
|---|---|---|---|
| **AAA167139** | **Rabbit** | **Human, Mouse, Rat** | **Immunohistochemistry, ELISA** |

## PRODUCT SYNONYMS

CARD9; Polyclonal Antibody; CARD9 Polyclonal Antibody; CANDF2; hCARD9; anti-CARD9 antibody

## PRODUCT SPECIFICATIONS

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|---|---|
| **Host** | Rabbit |
| **Reactivity** | Human, Mouse, Rat |
| **Clonality** | Polyclonal |
| **Isotype** | IgG |
| **Purity/Purification** | Antigen affinity purification |
| **Concentration** | 3.3mg/mL (varies by lot) |
| **Sequence Length** | 536 |
| **Applicable Applications for anti-CARD9 antibody** | IHC (Immunohistochemistry), ELISA |
| **Immunogen** | Recombinant protein of human CARD9 |
| **Buffer** | PBS with 0.05% sodium azide, 50% glycerol, pH7.3 |
| **Preparation and Storage** | Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles. |

## IMAGES

**IHC (Immunohiostchemistry)**
Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using CARD9 Polyclonal Antibody at dilution 1:70

**IHC (Immunohistochemistry)**
Immunohistochemistry of paraffin-embedded Human liver cancer tissue using CARD9 Polyclonal Antibody at dilution 1:70

## ADDITIONAL INFORMATION

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| **Related Product Information for anti-CARD9 antibody** | 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. |
| **Product Categories/Family for anti-CARD9 antibody** | Cell Biology |

## NCBI AND UNIPROT INFORMATION

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|---|---|
| **NCBI GI #** | 47717131 |
| **NCBI GeneID** | 64170 |
| **NCBI Accession #** | NP_434700.2 |
| **NCBI GenBank Nucleotide #** | NM_052813.4 |
| **Molecular Weight** | 42,953 Da |
| **NCBI Official Full Name** | caspase recruitment domain-containing protein 9 isoform 1 |
| **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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