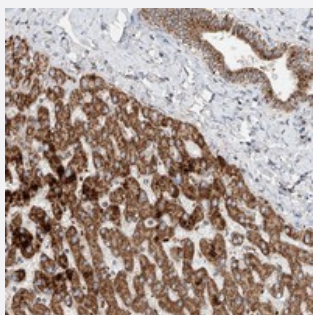


# CARD10 polyclonal antibody

Catalog # PAB22274      Size 100 uL

## Applications



### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human liver with CARD10 polyclonal antibody (Cat # PAB22274) shows strong cytoplasmic positivity in hepatocytes at 1:10-1:20 dilution.

## Specification

|                     |                                                                                                        |
|---------------------|--------------------------------------------------------------------------------------------------------|
| Product Description | Rabbit polyclonal antibody raised against recombinant CARD10.                                          |
| Immunogen           | Recombinant protein corresponding to amino acids of human CARD10.                                      |
| Sequence            | RLDFQVCPAESLSGEELCPSSAPGAPKAQPATPGLGSRIAIQESVGKKHCLLELGARGVRELV<br>QNEIYPMIHVEVTEKNVREVRGLL            |
| Host                | Rabbit                                                                                                 |
| Reactivity          | Human                                                                                                  |
| Form                | Liquid                                                                                                 |
| Purification        | Antigen affinity purification                                                                          |
| Isotype             | IgG                                                                                                    |
| Recommend Usage     | Immunohistochemistry (1:10-1:20)<br>The optimal working dilution should be determined by the end user. |
| Storage Buffer      | In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide)                                                      |

**Storage Instruction**

Store at 4°C. For long term storage store at -20°C.  
Aliquot to avoid repeated freezing and thawing.

**Note**

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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## Gene Info — CARD10

**Entrez GeneID**[29775](#)**Protein Accession#**[Q9BWT7](#)**Gene Name**

CARD10

**Gene Alias**

BIMP1, CARMA3, MGC142219

**Gene Description**

caspase recruitment domain family, member 10

**Omim ID**[607209](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

The caspase recruitment domain (CARD) is a protein module that consists of 6 or 7 antiparallel alpha helices. It participates in apoptosis signaling through highly specific protein-protein homophilic interactions. Like several other CARD proteins, CARD10 belongs to the membrane-associated guanylate kinase (MAGUK) family and activates NF-kappa-B (NFKB; see MIM 164011) through BCL10 (MIM 603517) (Wang et al., 2001 [PubMed 11259443]).[supplied by OMIM]

**Other Designations**

Bcl10 binding protein and activator of NFKB|CARD-containing MAGUK 3 protein|caspase recruitment domain protein 10

## Disease

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- [Diabetes Mellitus](#)
- [Edema](#)

- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)
- [Lung Neoplasms](#)
- [Werner syndrome](#)