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# Product datasheet for TA306138

## CARD8 Rabbit Polyclonal Antibody

### Product data:

| | |
|---|---|
| **Product Type:** | Primary Antibodies |
| **Applications:** | IF, WB |
| **Recommended Dilution:** | WB: 2 - 4 ug/mL, ICC: 10 ug/mL, IF: 20 ug/mL |
| **Reactivity:** | Human |
| **Host:** | Rabbit |
| **Isotype:** | IgG |
| **Clonality:** | Polyclonal |
| **Immunogen:** | CARD8 antibody was raised against a synthetic peptide corresponding to amino acids at the C-terminus of human CARD8. |
| **Formulation:** | PBS containing 0.02% sodium azide. |
| **Purification:** | Affinity chromatography purified via peptide column |
| **Conjugation:** | Unconjugated |
| **Storage:** | Antibody can be stored at 4°C up to one year. Antibodies should not be exposed to prolonged high temperatures. |
| **Stability:** | Stable for 12 months from date of receipt. |
| **Gene Name:** | caspase recruitment domain family member 8 |
| **Database Link:** | AAG50014<br>Entrez Gene 22900 Human<br>Q9Y2G2 |
| **Background:** | Apoptosis is related to many diseases and development. Cell death signals are transduced by death domain (DD), death effector domain (DED), and caspase recruitment domain (CARD) containing molecules. CARD containing proteins include some caspases, Apaf-1, CARD4, IAPs, RICK, ARC, RAIDD, BCL-10, and ASC. A novel CARD-containing protein was recently identified and designated CARD8. This protein interacts with DRAL, a p53-responsive protein implicated in the induction of apoptosis (1,2), and caspase-1 and its related proteins ICEBERG and pesudo-ICE (3). Although there are conflicting reports on whether CARD8 acts a pro- or anti-apoptotic protein (2,4), it has been suggested that it functions as an adaptor molecule regulating caspase-1 and NF-kappaB activation. |

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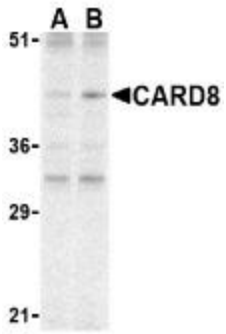
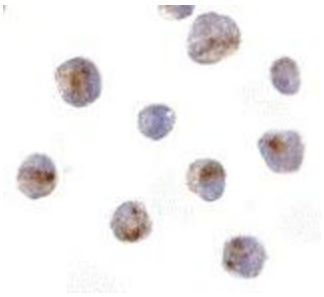
**Synonyms:** CARDINAL; DACAR; DAKAR; NDPP; NDPP1; TUCAN

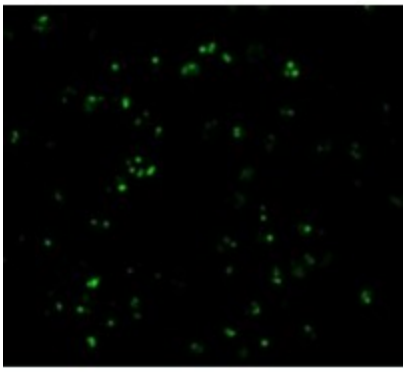
## Product images:




Western blot analysis of CARD8 expression in K562 cell lysate with CARD8 antibody at (A) 2 and (B) 4 ug /ml.



Immunocytochemistry of CARD8 in K562 cells with CARD8 antibody at 10 ug/mL.



Immunofluorescence of CARD8 in K562 cells with CARD8 antibody at 20 ug/mL.