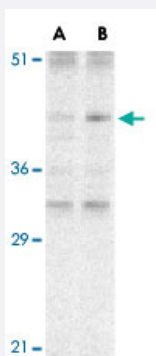


CARD8 polyclonal antibody

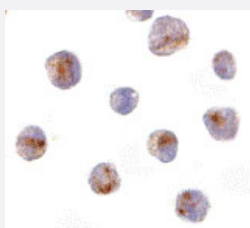
Catalog # PAB12906 Size 100 ug

Applications



Western Blot (Cell lysate)

Western blot analysis of CARD8 expression in K-562 cell lysate with CARD8 polyclonal antibody (Cat # PAB12906) at (A) 2 and (B) 4 ug /mL .



Immunocytochemistry

Immunocytochemistry of CARD8 in K-562 cells with CARD8 polyclonal antibody (Cat # PAB12906) at 10 ug/mL .

Specification

| | |
|----------------------------|---|
| Product Description | Rabbit polyclonal antibody raised against synthetic peptide of CARD8. |
| Immunogen | A synthetic peptide corresponding to C-terminus of human CARD8. |
| Host | Rabbit |
| Reactivity | Human |
| Specificity | An approximate 45 KDa can be detected. |
| Form | Liquid |

| | |
|----------------------------|---|
| Recommend Usage | Western Blot (2 ug/mL) The optimal working dilution should be determined by the end user. |
| Storage Buffer | In PBS (0.02% sodium azide) |
| Storage Instruction | Store at 4°C for three months. 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. |

Applications

- Western Blot (Cell lysate)

Western blot analysis of CARD8 expression in K-562 cell lysate with CARD8 polyclonal antibody (Cat # PAB12906) at (A) 2 and (B) 4 ug /mL .

- Immunocytochemistry

Immunocytochemistry of CARD8 in K-562 cells with CARD8 polyclonal antibody (Cat # PAB12906) at 10 ug/mL .

Gene Info — CARD8

| | |
|---------------------------|--|
| Entrez GeneID | 22900 |
| Protein Accession# | AAG50014 |
| Gene Name | CARD8 |
| Gene Alias | CARDINAL, DACAR, DKFZp779L0366, Dakar, FLJ18119, FLJ18121, KIAA0955, MGC57162, NDPP, NDPP1, TUCAN |
| Gene Description | caspase recruitment domain family, member 8 |
| Omim ID | 609051 |
| Gene Ontology | Hyperlink |
| Gene Summary | The protein encoded by this gene belongs to the caspase recruitment domain (CARD)-containing family of proteins, which are involved in pathways leading to activation of caspases or nuclear factor kappa-B (NFkB). This protein may be a component of the inflammasome, a protein complex that plays a role in the activation of proinflammatory caspases. It is thought that this protein acts as an adaptor molecule that negatively regulates NFkB activation, CASP1-dependent IL1B secretion, and apoptosis. Polymorphisms in this gene may be associated with a susceptibility to rheumatoid arthritis. Alternatively spliced transcript variants have been described for this gene, but their biological validity has not been determined. [provided by RefSeq] |

Other Designations

CARD inhibitor of NF-kappaB-activating ligands|CARD8 isoform T47|CARD8 isoform T51|CARD8 isoform T60|apoptotic protein NDPP1|tumor up-regulated CARD-containing antagonist of caspase nine

Publication Reference

- [CARD-8 protein, a new CARD family member that regulates caspase-1 activation and apoptosis.](#)

Razmara M, Srinivasula SM, Wang L, Poyet JL, Geddes BJ, DiStefano PS, Bertin J, Alnemri ES.

The Journal of Biological Chemistry 2002 Apr; 277(16):13952.

- [TUCAN, an antiapoptotic caspase-associated recruitment domain family protein overexpressed in cancer.](#)

Pathan N, Marusawa H, Krajewska M, Matsuzawa S, Kim H, Okada K, Torii S, Kitada S, Krajewski S, Welsh K, Pio F, Godzik A, Reed JC.

J Biol Chem 2001 Jun; 276(34):32220.

Application: IHC-P, WB-Ce, WB-Tr, Human, HEK293T, MCF7, Jurkat T cells, Colorectal carcinoma

- [DRAL is a p53-responsive gene whose four and a half LIM domain protein product induces apoptosis.](#)

Scholl FA, McLoughlin P, Ehler E, de Giovanni C, Schafer BW.

The Journal of Cell Biology 2000 Oct; 151(3):495.

Disease

- [Adenocarcinoma](#)
- [Alzheimer disease](#)
- [Arthritis](#)
- [Bacterial Infections](#)
- [Colitis](#)
- [Colorectal Neoplasms](#)
- [Crohn Disease](#)
- [Disease Progression](#)
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- [Genetic Predisposition to Disease](#)
- [Inflammatory Bowel Diseases](#)
- [Tobacco Use Disorder](#)