

Rabbit anti-Human CARD8 Polyclonal Antibody | anti-CARD8 antibody

Polyclonal Antibody to CARD8 (Tucan)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA78318	Rabbit	Human	Immunoprecipitation, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

CARD8; Polyclonal Antibody; Polyclonal Antibody to CARD8 (Tucan); KIAA0955; NDPP1; Apoptotic protein NDPP1; CARDINAL; CARD-inhibitor of NF-kappa-B-activating ligand; DACAR; TUCAN; Tumor up-regulated CARD-containing antagonist of CASP9; Antibody to CARD8 (Tucan); Anti-CARD8 (Tucan) Antibody; CARD8 (Tucan) Antibody; anti-CARD8 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Serum
Form/Format	50 ul sera
Sequence Length	431
Applicable Applications for anti-CARD8 antibody	IP (Immunoprecipitation), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Information	Full-length recombinant protein of human TUCAN (CARD8) was used as immunogen for this antibody
Antigen	CARD8 (Tucan)
Preparation and Storage	Store the antibody at 4 degree C, stable for 6 months. For long-term storage, store at -20 degree C. Avoid repeated freeze and thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Fig: 2 Formalin-fixed, paraffin-embedded tissue human colon microarray stained for TUCAN/CARD8 expression at 1: 2000 using at 1: 2000 . A and B are tumor tissue cores. A1 and B1 are the matched normal adjacent cores from A and B, respectively. Hematoxylin-eosin counterstain.



WB (Western Blot)

Fig: 1 Western blot analysis of TUCAN/CARD8 in tumor cell lines using at 1: 2000. Cell lysates were normalized for total protein content.

ADDITIONAL INFORMATION

Related Product Information for anti-CARD8 antibody	This antibody recognizes TUCAN, a 431 amino acid protein. TUCAN (tumor up-regulated CARD-containing antagonist of caspase nine) also known as CARD8 is a CARD domain containing protein. Proteins containing a CARD (caspase-associated recruitment domain) domain are key regulators of cell death, cell survival and cytokine production. TUCAN is an anti-apoptotic CARD protein that can protect tumors from cell death stimuli, and is overexpressed in certain forms of cancer. TUCAN has been shown to inhibit caspase-9 activation by binding to the CARD region of pro-caspase-9, thereby suppressing the formation of the Apaf-1-caspase-9 apoptotic complex and apoptosis. Additionally, a TUCAN isoform has been described that blocks both caspase-8 and caspase-9 mediated apoptosis. However, in some tumors, TUCAN play a role in modulating NFkB transcription factor survival signaling pathways.
Product Categories/Family for anti-CARD8 antibody	Antibodies; Apoptosis

NCBI AND UNIPROT INFORMATION

NCBI GI #	14424229
NCBI GeneID	22900
UniProt Accession #	Q9Y2G2; Q6PGP8; Q96P82; B5KVR6; B7Z496; B7Z4A2; E9PEM7; G3XAM9
Molecular Weight	60,652 Da
NCBI Official Full Name	Caspase recruitment domain-containing protein 8
NCBI Official Synonym Full Names	caspase recruitment domain family member 8
NCBI Official Symbol	CARD8
NCBI Official Synonym Symbols	NDPP; DACAR; DAKAR; NDPP1; TUCAN; CARDINAL
NCBI Protein Information	caspase recruitment domain-containing protein 8
UniProt Protein Name	Caspase recruitment domain-containing protein 8
UniProt Gene Name	CARD8
UniProt Synonym Gene Names	KIAA0955; NDPP1; CARDINAL; TUCAN

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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Online datasheet: <https://stage.aaabiotech.com/polyclonal/card8-antibody-immunoprecipitation-immunohistochemistry-western-blot-elisa/78318>