CARD10 Antibody

Catalog No: #24164

Description



Orders: order@signalwayantibody.com

Product Name	CARD10 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	immunoaffinity purified
Applications	ELISA WB ICC
Species Reactivity	Hu Ms
Immunogen Type	Peptide
Immunogen Description	Raised against a synthetic peptide corresponding to 14 amino acids at the C-terminus of human CARD10.
Target Name	CARD10
Other Names	Caspase recuitment domain family 10, CARMA3, Bimp1
Accession No.	Swiss-Prot:Q9BWT7Gene ID:29775
Uniprot	Q9BWT7
GeneID	29775;
Concentration	1mg/ml
Formulation	Supplied in PBS containing 0.02% sodium azide.
Storage	Can be stored at -20°C, stable for one year. As with all antibodies care should be taken to avoid repeated
	freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

## Images



Western blot analysis of CARD10 expression in EL4 cell lysate with CARD10 antibody at (A) 5 and (B) 10 ug /ml.



Immunocytochemistry of CARD10 in EL4 cells with CARD10 antibody at 10  $\mbox{ug/mL}.$ 



Western blot analysis of CARD10 in A-20 cell lysate with CARD10 antibody at 5  $\mu g/mL.$ 

## 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 CARD10. This protein belongs to the membrane-associated guanylate kinase-like (MAGUK) family of proteins that can function as molecular scaffolds that assist assembly of signal transduction molecules. CARD 10 interacts with Bcl-10, a Bcl protein that promotes apoptosis, caspase-9 maturation and activation of NF-κB. CARD 10 and the related protein CARMA1 also associate with NEMO, the regulatory subunit of the IκK complex, demonstrating its importance in the regulation of NF-κB transcription factor activation.

Note: This product is for in vitro research use only