

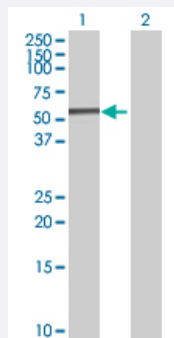
MaxPab®

CARD14 MaxPab mouse polyclonal antibody (B01)

Catalog # H00079092-B01

Size 50 uL

Applications



Western Blot (Transfected lysate)

Western Blot analysis of CARD14 expression in transfected 293T cell line ([H00079092-T01](#)) by CARD14 MaxPab polyclonal antibody.

Lane 1: CARD14 transfected lysate(47.74 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human CARD14 protein.
Immunogen	CARD14 (NP_438170, 1 a.a. ~ 434 a.a) full-length human protein.
Sequence	MVSSCELELQEQSLRTASDQESGDEELNRLKEENEKLRSLTFSLAEKDILEQSLDEARGSRQEL VERIHSLRERAVAAERQREQYWEEKEQTLQFQKSKMACQLYREKVNALQAQVCELQKERDQA YSARDSAQREISQSLVEKDLSRRQVFELTDQVCELRTQLRQLQAEPGVLKQEARTREPCPREK QRLVRMHAICPRDDSDCSLVSSSTESQLLSDSLATSRSRELVDSFRSSSPAPPSQQSLYKRVADF GEEPWSFSSCLEIPEGDPGALPGAKAGDPHLDYELLDATLPQLESSLQPVSPGRLDVSESGVL MRRRPARRILSQVTMLAFQGDALLEQISVIGGNLTGFIHRVTPGSAADQMALRPGTQIMVSRARP LLSPGLLMGTVAAGGVTTQADFTSPRRCRSTLGWASALSWADVKRSAHL
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (73)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Note

For IHC and IF applications, antibody purification with Protein A will be needed prior to use.

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Lane 2: Non-transfected lysate.

[Protocol Download](#)

Gene Info — CARD14

Entrez GeneID [79092](#)

GeneBank Accession# [NM_052819](#)

Protein Accession# [NP_438170](#)

Gene Name CARD14

Gene Alias BIMP2, CARMA2

Gene Description caspase recruitment domain family, member 14

Omim ID [607211](#)

Gene Ontology [Hyperlink](#)

Gene Summary

The protein encoded by this gene belongs to the membrane-associated guanylate kinase (MAGUK) family, a class of proteins that functions as molecular scaffolds for the assembly of multiprotein complexes at specialized regions of the plasma membrane. This protein is also a member of the CARD protein family, which is defined by carrying a characteristic caspase-associated recruitment domain (CARD). This protein shares a similar domain structure with CARD11 protein. The CARD domains of both proteins have been shown to specifically interact with BCL10, a protein known to function as a positive regulator of cell apoptosis and NF-kappaB activation. When expressed in cells, this protein activated NF-kappaB and induced the phosphorylation of BCL10. Two alternatively spliced variants of this gene encoding distinct isoforms have been reported. [provided by RefSeq]

Other Designations

CARD-containing MAGUK 2 protein|bcl10-interacting maguk protein 2|card-maguk protein 2|caspase recruitment domain protein 14

Publication Reference

- [Dysregulation of miR-106a and miR-591 confers paclitaxel resistance to ovarian cancer.](#)

Huh JH, Kim TH, Kim K, Song JA, Jung YJ, Jeong JY, Lee MJ, Kim YK, Lee DH, An HJ.

British Journal of Cancer 2013 Jul; 109(2):452.

Disease

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