



Datasheet for ABIN521306
anti-VCAM1 antibody (AA 1-739)



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Overview

Quantity:	100 µg
Target:	VCAM1
Binding Specificity:	AA 1-739
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This VCAM1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	Rabbit polyclonal antibody raised against a full-length human VCAM1 protein.
Immunogen:	VCAM1 (NP_001069.1, 1 a.a. ~ 739 a.a) full-length human protein.
Sequence:	MPGKMVVILG ASNILWIMFA ASQAFKIETT PESRYLAQIG DSVSLTCSTT GCESPFFSWR TQIDSPLNGK VTNEGTTSTL TMNPVSFGNE HSYLCTATCE SRKLEKGIQV EIYSFPKDPE IHLSGPLEAG KPITVKCSVA DVYPFDRLEI DLLKGDHLMK SQEFLEDADR KSLETKSLEV TFTPVIEDIG KVLVCRAKLH IDEMDSVPTV RQAVKELQVY ISPKNTVISV NPSTKLQEGG SVTMTCSSEG LPAPEIFWSK KLDNGNLQHL SGNATLTLIA MRMEDSGIYV CEGVNLIGKN RKEVELIVQE KPFTVEISPG PRIAAQIGDS VMLTCSVMGC ESPFSWRTQ IDSPLSGKVR SEGTNSTLTL SPVSFENEHS YLCTVTCGHK KLEKGIQVEL YSFPDPPEIE MSGGLVNGSS VTVSCKVPSV YPLDRLEIEL LKGETILENI EFLEDTDMKS LENKSLEMTF IPTIEDTGKA LVCQAKLHID DMEFEPKQRQ STQTLVYVNA PRDITVLVSP SSILEEGSSV NMTCLSQGFP APKILWSRQL PNGELQPLSE NATLTLISTK MEDSGVYLCE GINQAGRSRK EVELIIQVTP

Product Details

KDIKLTAFPS ESVKEGDTVI ISCTCGNVPE TWIILKKKAE TGDTVLSID GAYTIRKAQL
KDAGVYECES KNKVGSQRLS LTLDVQGREN NKDYFSPELL VLYFASSLII PAIGMIIFYFA
RKANMKGSYS LVEAQKSKV

Cross-Reactivity: Human, Mouse

Characteristics: Antibody reactive against mammalian transfected lysate.

Target Details

Target: VCAM1

Alternative Name: VCAM1 ([VCAM1 Products](#))

Background: Full Gene Name: vascular cell adhesion molecule 1
Synonyms: CD106,DKFZp779G2333,INCAM-100,MGC99561

Gene ID: 7412

NCBI Accession: [NM_001078](#)

Pathways: [Carbohydrate Homeostasis](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Buffer: In 1x PBS, pH 7.4

Handling Advice: Aliquot to avoid repeated freezing and thawing.

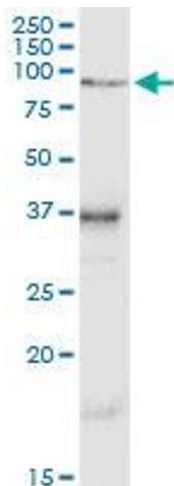
Storage: -20 °C

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

Publications

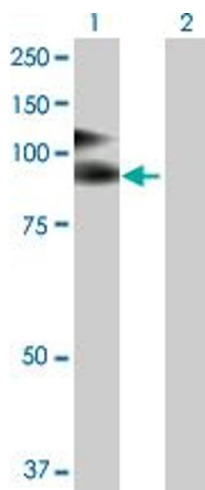
Product cited in: Chinthamani, Odusanwo, Mondal, Nelson, Neelamegham, Baker: "Lipoxin A4 inhibits immune cell binding to salivary epithelium and vascular endothelium." in: **American journal of physiology. Cell physiology**, Vol. 302, Issue 7, pp. C968-78, (2012) ([PubMed](#)).

Chen, Chyau, Liao, Hu, Kuo: "Enhanced anti-inflammatory activities of *Monascus pilosus* fermented products by addition of ginger to the medium." in: **Journal of agricultural and food chemistry**, Vol. 58, Issue 22, pp. 12006-13, (2010) ([PubMed](#)).



Western Blotting

Image 1. VCAM1 MaxPab rabbit polyclonal antibody. Western Blot analysis of VCAM1 expression in mouse testis.

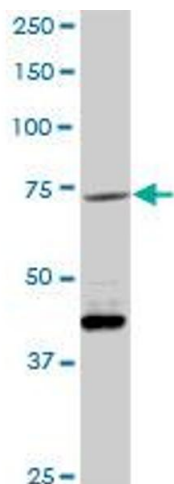


Western Blotting

Image 2. Western Blot analysis of VCAM1 expression in transfected 293T cell line by VCAM1 MaxPab polyclonal antibody.

Lane 1: VCAM1 transfected lysate(81.30 KDa).

Lane 2: Non-transfected lysate.



Western Blotting

Image 3. VCAM1 MaxPab rabbit polyclonal antibody. Western Blot analysis of VCAM1 expression in mouse lung.

Images

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN521306.