

Rabbit VCAM-1/CD106 Polyclonal Antibody | anti-VCAM-1/CD106 antibody

VCAM-1/CD106 Polyclonal Antibody (Capture/Detector)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA179723	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

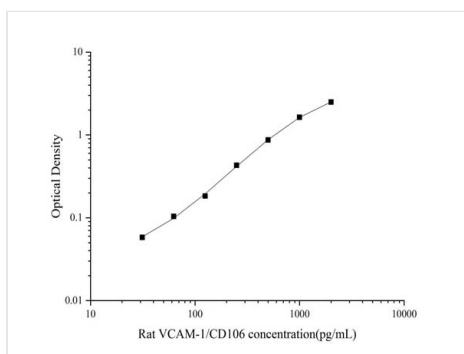
PRODUCT SYNONYMS

VCAM-1/CD106; Polyclonal Antibody; VCAM-1/CD106 Polyclonal Antibody (Capture/Detector); CD106; Vcam1; Vcam-1; V-CAM 1; VascuLar ceLL adhesion protein 1; SoLubLe VascuLar CeLL Adhesion MoLecuLe-1; anti-VCAM-1/CD106 antibody

PRODUCT SPECIFICATIONS

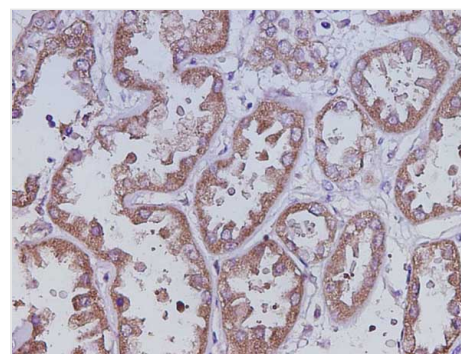
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purification
Form/Format	Phosphate buffered solution, pH 7.2, containing 0.05% proclin 300.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-VCAM-1/CD106 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant Rat VCAM-1/CD106 protein expressed by Mammalian
Preparation and Storage	Store at 4 degree C valid for 12 months or -20 degree C valid for long term storage, avoid freeze/thaw cycles.

IMAGES



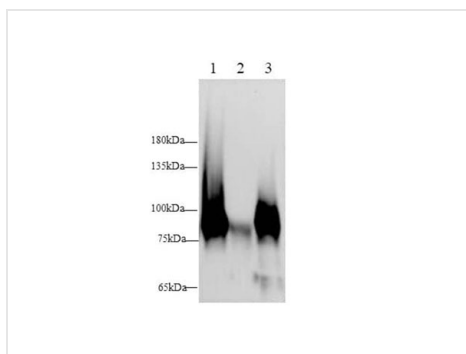
ELISA

Sandwich ELISA-Recombinant Rat VCAM-1/CD106 protein standard curve. Background subtracted standard curve using VCAM-1/CD106 antibody(AAA179723)(Capture), VCAM-1/CD106 antibody(AAA179723)(Detector) in sandwich ELISA. The reference range value for Recombinant Rat VCAM-1/CD106 protein is 31.25-2000 pg/mL.



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human Kidney cancer using VCAM-1/CD106 Polyclonal Antibody at dilution of 1:2000.



WB (Western Blot)

Western Blot with VCAM-1/CD106 Polyclonal Antibody at dilution of 1:500. Lane 1: Mouse spleen, Lane 2: Rat kidney, Lane 3: Rat spleen.

ADDITIONAL INFORMATION

Related Product Information for anti-VCAM-1/CD106 antibody

Cell adhesion glycoprotein predominantly expressed on the surface of endothelial cells that plays an important role in immune surveillance and inflammation. Acts as a major regulator of leukocyte adhesion to the endothelium through interaction with different types of integrins. During inflammatory responses, binds ligands on the surface of activated endothelial cells to initiate the activation of calcium channels and the plasma membrane-associated small GTPase RAC1 leading to leukocyte transendothelial migration. Serves also as a quality-control checkpoint for entry into bone marrow by providing a 'don't-eat-me' stamping in the context of major histocompatibility complex (MHC) class-I presentation.

Product Categories/Family for anti-VCAM-1/CD106 antibody

[Polyclonal Antibodies](#); [Primary Antibodies](#); [Polyclonal Antibodies](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	6981700
NCBI GeneID	25361
NCBI Accession #	NP_037021.1
NCBI GenBank Nucleotide #	NM_012889.1
UniProt Accession #	P29534 ; Q5FVS3 ; Q63669
Molecular Weight	81,246 Da
NCBI Official Full Name	vascular cell adhesion protein 1
NCBI Official Synonym Full Names	vascular cell adhesion molecule 1
NCBI Official Symbol	Vcam1
NCBI Official Synonym Symbols	VCAM1B
NCBI Protein Information	vascular cell adhesion protein 1
UniProt Protein Name	Vascular cell adhesion protein 1
UniProt Gene Name	Vcam1
UniProt Synonym Gene Names	Vcam-1; V-CAM 1; VCAM-1

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/vcam-1-cd106-antibody-immunohistochemistry-western-blot-elisa/179723>