VCAM1 Polyclonal Antibody

catalog number: **E-AB-70284**

Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human;Mouse;Rat
Immunogen	Recombinant protein corresponding to Mouse VCAM-1
Host	Rabbit
Isotype	Rabbit IgG
Purification	Affinity purification
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer, 1% protein protectant and 50% glycerol.

Applications	Recommended Dilution
WB	1:500-1:2000

Data

Western Blot analysis of various samples using VCAM1 Polyclonal Antibody at dilution of 1:600.

Observed-MW:100-110 kDa

Calculated-MW:100-110 kDa

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

Background

Vascular cell adhesion molecule 1 (VCAM1),also known as CD106,is a transmembrane glycoprotein belonging to the immunoglobulin gene superfamily. VCAM1 is expressed by cytokine-activated endothelium,interacts with integrin VLA4 (α4β1) present on the surface of leukocytes,and mediates both adhesion and signal transduction. It is also expressed either constitutively or inducibly in a variety of other cell types,including vascular smooth muscle cells, differentiating skeletal muscle cells,renal and neural epithelial cells,macrophages (Kupffer cells),dendritic cells,and bone marrow stromal cells .

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