

JAM-A Polyclonal Antibody

Catalog # AP73662

#### Specification

## JAM-A Polyclonal Antibody - Product Information

Application Primary Accession Reactivity Host Clonality WB, IHC-P <u>O9Y624</u> Human, Rat Rabbit Polyclonal

#### JAM-A Polyclonal Antibody - Additional Information

Gene ID 50848

**Other Names** F11R; JAM1; JCAM; Junctional adhesion molecule A; JAM-A; Junctional adhesion molecule 1; JAM-1; Platelet F11 receptor; Platelet adhesion molecule 1; PAM-1; CD321

Dilution

WB~~Western Blot: 1/500 - 1/2000. IHC-p: 1/100-1/300. ELISA: 1/20000. Not yet tested in other applications. IHC-P~~N/A

Format Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

**Storage Conditions** -20°C

## JAM-A Polyclonal Antibody - Protein Information

Name F11R

Synonyms JAM1, JCAM

Function

Seems to play a role in epithelial tight junction formation. Appears early in primordial forms of cell junctions and recruits PARD3 (PubMed:<a href="http://www.uniprot.org/citations/11489913" target="\_blank">11489913</a>). The association of the PARD6-PARD3 complex may prevent the interaction of PARD3 with JAM1, thereby preventing tight junction assembly (By similarity). Plays a role in regulating monocyte transmigration involved in integrity of epithelial barrier (By similarity). Ligand for integrin alpha-L/beta-2 involved in memory T- cell and neutrophil transmigration (PubMed:<a href="http://www.uniprot.org/citations/11812992" target="\_blank">11812992</a>). Involved in platelet activation (PubMed:<a href="http://www.uniprot.org/citations/11812992" target="\_blank">11812992</a>).

**Cellular Location** 



Cell junction, tight junction. Cell membrane; Single-pass type I membrane protein. Note=Localized at tight junctions of both epithelial and endothelial cells.

## **Tissue Location**

Expressed in endothelium, epithelium and leukocytes (at protein level).

#### **JAM-A Polyclonal Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- <u>Western Blot</u>
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- <u>Cell Culture</u>

## JAM-A Polyclonal Antibody - Images













# JAM-A Polyclonal Antibody - Background

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