
Product Name: JAM-B Rabbit Polyclonal Antibody**Catalog #: APRab12827**

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,IHC,ICC/IF,ELISA
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:10000-1:20000
Molecular Weight	33kDa

Antigen Information

Gene Name	JAM2
Alternative Names	JAM2; C21orf43; VEJAM; Junctional adhesion molecule B; JAM-B; Junctional adhesion molecule 2; JAM-2; Vascular endothelial junction-associated molecule; VE-JAM; CD322
Gene ID	58494.0
SwissProt ID	P57087
Immunogen	Synthesized peptide derived from the Internal region of human JAM-B.

Background

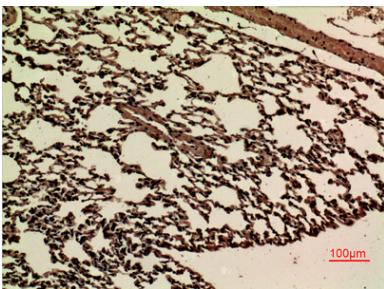
This gene belongs to the immunoglobulin superfamily, and the junctional adhesion molecule (JAM) family. The protein

encoded by this gene is a type I membrane protein that is localized at the tight junctions of both epithelial and endothelial cells. It acts as an adhesive ligand for interacting with a variety of immune cell types, and may play a role in lymphocyte homing to secondary lymphoid organs. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Jul 2012],function:May play a role in the processes of lymphocyte homing to secondary lymphoid organs.,similarity:Belongs to the immunoglobulin superfamily.,similarity:Contains 1 Ig-like C2-type (immunoglobulin-like) domain.,similarity:Contains 1 Ig-like V-type (immunoglobulin-like) domain.,subcellular location:Localized at tight junctions of both epithelial and endothelial cells.,subunit:Interacts with JAM3.,tissue specificity:Highest expression in the heart, placenta, lung, foreskin and lymph node. Prominently expressed on high endothelial venules, also present on the endothelia of other vessels. Localized to the intercellular boundaries of high endothelial cells,

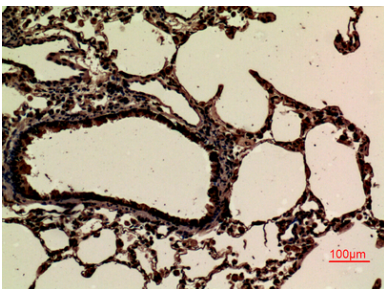
Research Area

Cell adhesion molecules (CAMs);Tight junction;Leukocyte transendothelial migration;Epithelial cell signaling in Helicobacter pylori infection;

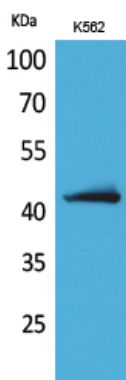
Image Data



Immunohistochemical analysis of paraffin-embedded mouse-lung, antibody was diluted at 1:100



Immunohistochemical analysis of paraffin-embedded rat-lung, antibody was diluted at 1:100



Western Blot analysis of K562 cells using JAM-B Polyclonal Antibody. Secondary antibody was diluted at 1:20000

