

JAM-A Polyclonal Antibody
Catalog # AP73662**Specification**

JAM-A Polyclonal Antibody - Product Information

Application	WB, IHC-P
Primary Accession	Q9Y624
Reactivity	Human, Rat
Host	Rabbit
Clonality	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:11489913). 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:11812992). Involved in platelet activation (PubMed:10753840).

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

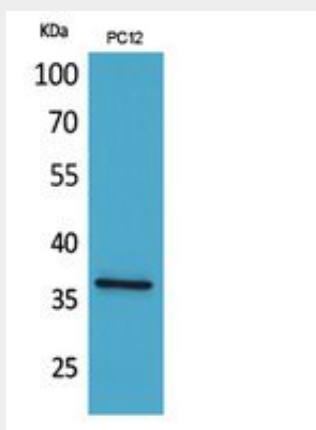
Expressed in endothelium, epithelium and leukocytes (at protein level).

JAM-A Polyclonal Antibody - Protocols

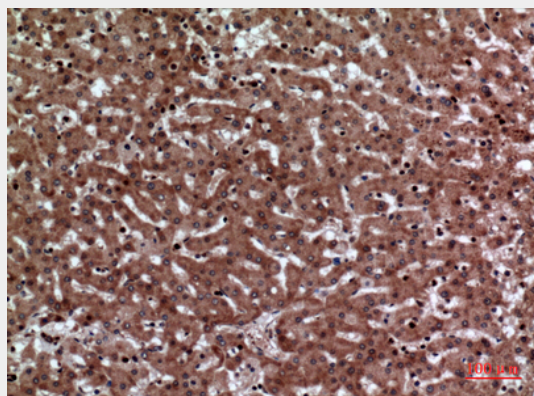
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

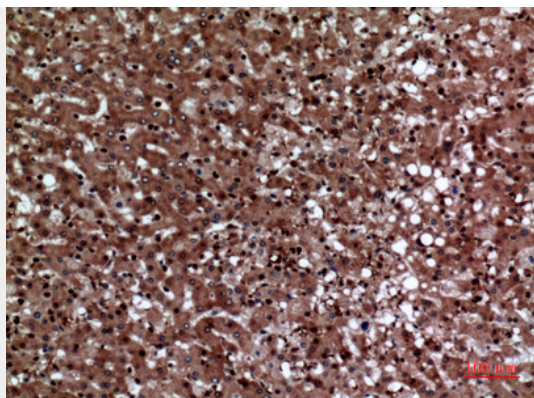
JAM-A Polyclonal Antibody - Images



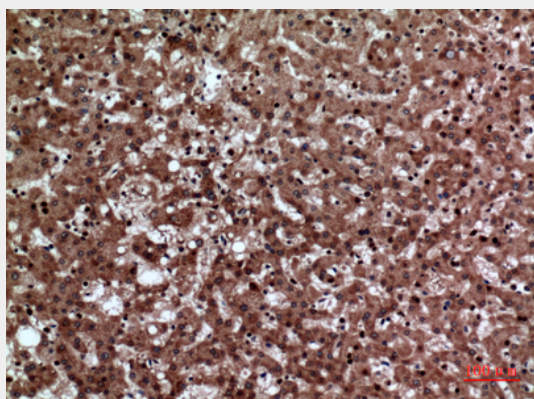
Western Blot analysis of PC12 cells using JAM-A Polyclonal Antibody.. Secondary antibody was diluted at 1:20000



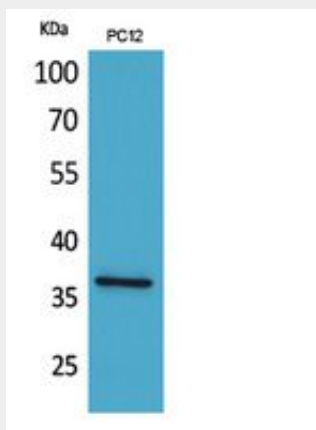
Immunohistochemical analysis of paraffin-embedded human-liver, antibody was diluted at 1:100



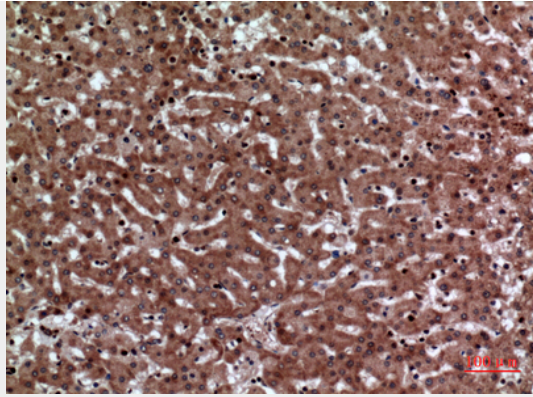
Immunohistochemical analysis of paraffin-embedded human-liver, antibody was diluted at 1:100



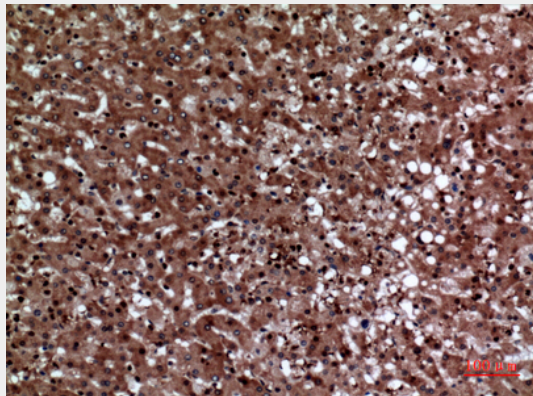
Immunohistochemical analysis of paraffin-embedded human-liver, antibody was diluted at 1:100



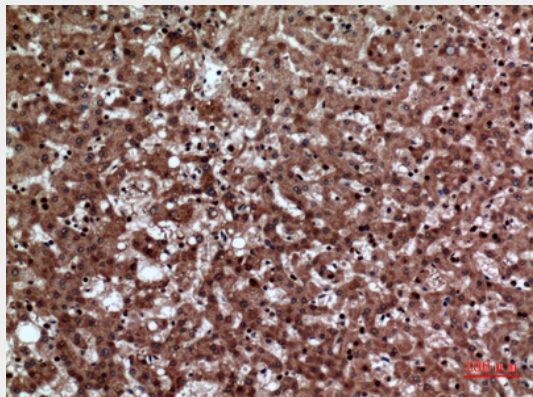
Western Blot analysis of PC12 cells using JAM-A Polyclonal Antibody.. Secondary antibody was diluted at 1:20000



Immunohistochemical analysis of paraffin-embedded human-liver, antibody was diluted at 1:100



Immunohistochemical analysis of paraffin-embedded human-liver, antibody was diluted at 1:100



Immunohistochemical analysis of paraffin-embedded human-liver, antibody was diluted at 1:100

JAM-A Polyclonal Antibody - Background

Seems to play a role in epithelial tight junction formation. Appears early in primordial forms of cell junctions and recruits PARD3 (PubMed:11489913). 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:11812992). Involved in platelet activation (PubMed:10753840).