

## Rabbit anti-Human JAM-A Polyclonal Antibody | anti-JAM-A antibody

Rabbit anti-JAM-A Antibody, Affinity Purified

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                                            |
|-----------|--------|------------|---------------------------------------------------------|
| AAA212061 | Rabbit | Human      | Immunohistochemistry, Immunoprecipitation, Western Blot |

### PRODUCT SYNONYMS

JAM-A; Polyclonal Antibody; Rabbit anti-JAM-A Antibody; Affinity Purified; junctional adhesion molecule 1; platelet F11 receptor; platelet adhesion molecule 1; PAM-1; junctional adhesion molecule A; JCAM; JAMA; JAM-1; JAM1; JAM; CD321; CD antigen CD321; KAT; Junctional adhesion molecule A; F11 receptor; anti-JAM-A antibody

### PRODUCT SPECIFICATIONS

|                                                 |                                                                                    |
|-------------------------------------------------|------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                             |
| Reactivity                                      | Human                                                                              |
| Clonality                                       | Polyclonal                                                                         |
| Purity/Purification                             | Antigen Affinity Purified                                                          |
| Form/Format                                     | Liquid. Whole IgG. Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide |
| Concentration                                   | 200ug/ml (varies by lot)                                                           |
| Applicable Applications for anti-JAM-A antibody | IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)            |
| Predicted Reactivity                            | Mouse, Rat                                                                         |
| Immunogen                                       | Between 249 and C-terminus                                                         |
| Conjugation                                     | Unconjugated                                                                       |
| Preparation and Storage                         | Store at 2-8 degree C<br>Shelf Life: 1 year from date of receipt                   |

### IMAGES



#### WB (Western Blot)

Detection of human JAM-A by western blot. Samples: Whole cell lysate from HEK293T (5, 15, and 50 ug) and HeLa (H; 50 ug) cells. Antibody: Affinity purified rabbit anti-JAM-A antibody AAA212061 (lot AAA212061-1) used at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



#### IP (Immunoprecipitation)

Detection of human JAM-A by western blot of immunoprecipitates. Samples: Whole cell lysate (1 mg for IP, 20% of IP loaded) from HEK293T cells. Antibodies: Affinity purified rabbit anti-JAM-A antibody AAA212061 (lot AAA212061-1) used for IP at 3 ug/mg lysate. JAM-A was not successfully immunoprecipitated by rabbit anti-JAM-A antibody BL10457, which recognizes an upstream epitope. For blotting immunoprecipitated JAM-A, AAA212061 was used at 1.0 ug/ml. Detection: Chemiluminescence with exposure time of 3 minutes.



#### IHC (Immunohistochemistry)

Detection of human JAM-A by immunohistochemistry. Sample: FFPE section of human prostate carcinoma. Antibody: Affinity purified rabbit anti-JAM-A (Cat. No. AAA212061 Lot1) used at a dilution of 1:200 (1ug/ml). Detection: DAB

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                          |
|-----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-JAM-A antibody | Junctional adhesion molecule A (JAM-A) is an important regulator of tight junction assembly in epithelia. In addition, the encoded protein can act as (1) a receptor for reovirus, (2) a ligand for the integrin LFA1, involved in leukocyte transmigration, and (3) a platelet receptor [taken from NCBI Entrez Gene (Gene ID: 50848)]. |
| Product Categories/Family for anti-JAM-A antibody   | Primary Antibodies                                                                                                                                                                                                                                                                                                                       |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                     |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 8393638                                                                                                             |
| NCBI GeneID                      | 50848                                                                                                               |
| NCBI Accession #                 | NP_058642.1                                                                                                         |
| NCBI GenBank Nucleotide #        | NM_016946.4                                                                                                         |
| UniProt Accession #              | Q9Y624                                                                                                              |
| Molecular Weight                 | 32,583 Da                                                                                                           |
| NCBI Official Full Name          | junctional adhesion molecule A                                                                                      |
| NCBI Official Synonym Full Names | F11 receptor                                                                                                        |
| NCBI Official Symbol             | F11R                                                                                                                |
| NCBI Official Synonym Symbols    | JAM; KAT; JAM1; JAMA; JCAM; CD321; PAM-1                                                                            |
| NCBI Protein Information         | junctional adhesion molecule A; platelet F11 receptor; platelet adhesion molecule 1; junctional adhesion molecule 1 |
| UniProt Protein Name             | Junctional adhesion molecule A                                                                                      |
| UniProt Gene Name                | F11R                                                                                                                |
| UniProt Synonym Gene Names       | JAM1; JCAM; JAM-A; JAM-1; PAM-1                                                                                     |
| UniProt Entry Name               | JAM1_HUMAN                                                                                                          |

**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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