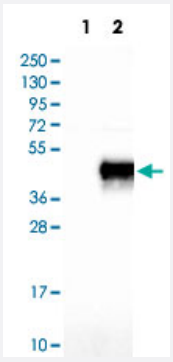
JAM3 polyclonal antibody

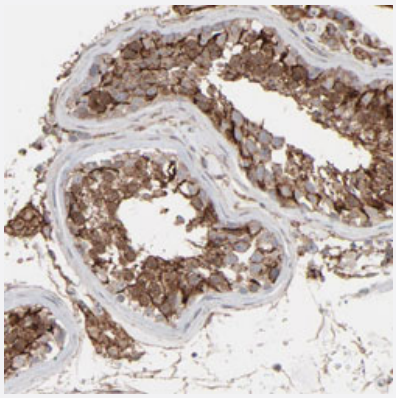
Catalog # PAB30620 Size 100 uL

Applications



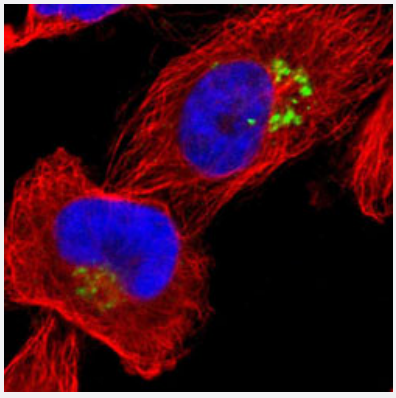
Western Blot (Transfected lysate)

Western Blot analysis of Lane 1: negative control (vector only transfected HEK293T cell lysate) and Lane 2: over-expression lysate (co-expressed with a C-terminal myc-DDK tag in mammalian HEK293T cells) with JAM3 polyclonal antibody (Cat # PAB30620).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human testis with JAM3 polyclonal antibody (Cat # PAB30620) shows strong cytoplasmic positivity in cells in seminiferous ducts and Leydig cells.



Immunofluorescence

Immunofluorescent staining of U-251 MG with JAM3 polyclonal antibody (Cat # PAB30620) (Green) shows positivity in the Golgi apparatus.

Specification

Product Description	Rabbit polyclonal antibody raised against partial recombinant human JAM3.
Immunogen	Recombinant protein corresponding to human JAM3.
Sequence	RDSALYRCEVVARNDRKEIDEIVIELTVQVKPVTPVCRVPKAVPVGKMATLHCQESEGHPRPHYS WYRNDVPLPTDSRANPRFRNSSFHLNSETGTLVFTAVHKDDSGQYYCIASNDAGSARCEEQEME VYDLNIG
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunofluorescence (1-4 ug/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:20-1:50) Western Blot (1:100-1:250) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Western Blot (Transfected lysate)

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- Immunofluorescence

  Immunofluorescent staining of U-251 MG with JAM3 polyclonal antibody (Cat # PAB30620) (Green) shows positivity in the Golgi apparatus.

Gene Info — JAM3

Entrez GeneID	83700
Protein Accession#	Q9BX67
Gene Name	JAM3
Gene Alias	FLJ14529, JAM-C, JAMC
Gene Description	junctional adhesion molecule 3
Omim ID	606871
Gene Ontology	Hyperlink
Gene Summary	Tight junctions represent one mode of cell-to-cell adhesion in epithelial or endothelial cell sheets, forming continuous seals around cells and serving as a physical barrier to prevent solutes and water from passing freely through the paracellular space. The protein encoded by this immunoglobulin superfamily gene member is localized in the tight junctions between high endothelial cells. Unlike other proteins in this family, the this protein is unable to adhere to leukocyte cell lines and only forms weak homotypic interactions. The encoded protein is a member of the junctional adhesion molecule protein family and acts as a receptor for another member of this family. [provided by RefSeq
Other Designations	junctional adhesion molecule C

Pathway

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

Disease

- Bipolar Disorder
- Cardiovascular Diseases
- Diabetes Mellitus

- Edema