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Product datasheet for TA368588

Junctional Adhesion Molecule C (JAM3) Rabbit Polyclonal Antibody

Product data:

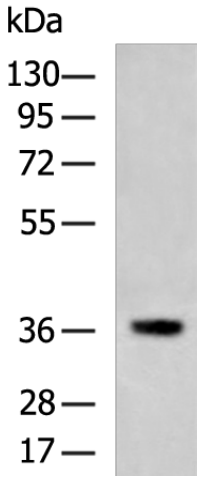
Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: Human cerebrum tissue lysate IHC: 40-200 Positive control: Human liver cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human JAM3
Formulation:	pH7.4 PBS, 0.05% NaN3, 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	35 kDa
Gene Name:	junctional adhesion molecule 3
Database Link:	Entrez Gene 83700 Human Q9BX67

View online »

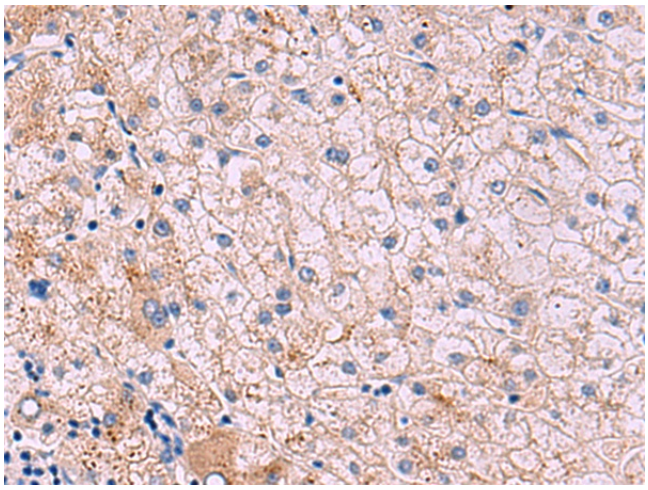
Background: Tight junctions represent one mode of cell-to-cell adhesion in epithelial or endothelial cell sheets, forming continuous seals around cells and serving as a physical barrier to prevent solutes and water from passing freely through the paracellular space. The protein encoded by this immunoglobulin 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. A mutation in an intron of this gene is associated with hemorrhagic destruction of the brain, subependymal calcification, and congenital cataracts. Alternative splicing results in multiple transcript variants.

Synonyms: FLJ14529; JAM-2; JAM-3; JAM-C; JAMC

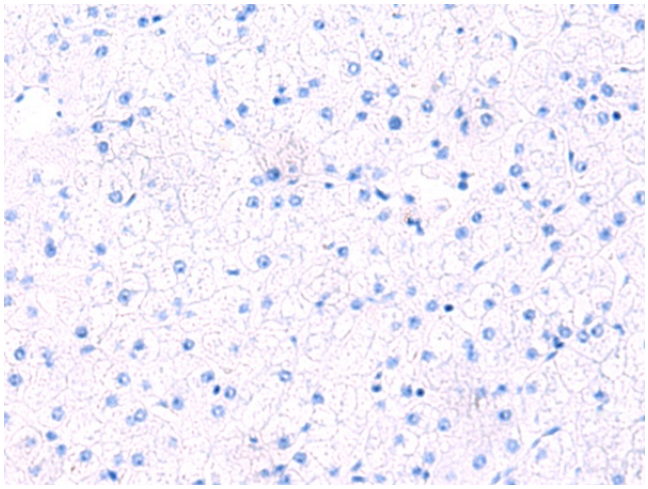
Product images:



Gel: 8%SDS-PAGE
Lysate: 40 µg
Lane: Human cerebrum tissue lysate
Primary antibody: TA368588 (JAM3 Antibody) at dilution 1/500
Secondary antibody: Goat anti rabbit IgG at 1/5000 dilution
Exposure time: 3 minutes



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using TA368588 (JAM3 Antibody) at dilution 1/40 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using TA368588 (JAM3 Antibody) at dilution 1/40, treated with synthetic peptide. (Original magnification: ×200)