

For Research Use Only

JAM3 Polyclonal antibody

Catalog Number: 32424-1-AP



Basic Information

Catalog Number: 32424-1-AP	GenBank Accession Number: NM_032801.4	Purification Method: Antigen affinity Purification
Concentration: 650 ug/ml	GeneID (NCBI): 83700	Recommended Dilutions: WB: 1:5000-1:50000 IHC: 1:300-1:1200
Source: Rabbit	UNIPROT ID: Q9BX67	
Isotype: IgG	Full Name: junctional adhesion molecule 3	
Immunogen Catalog Number: AG35750	Calculated MW: 35 kDa, 310aa Observed MW: 35 kDa	

Applications

Tested Applications: WB, IHC, ELISA	Positive Controls:
Species Specificity: human	WB : A375 cells, Jurkat cells, SH-SY5Y cells, SK-N-SH cells IHC : mouse testis tissue,
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

Background Information

Junctional adhesion molecule 3 (JAM3) is a type I transmembrane glycoprotein containing two Ig-like domains, which is expressed in various tissues and plays a crucial role in cell junctions, cell polarity, and motility (PMID: 34292449; 28931565). It has been proposed that JAM3 participates in leukocyte-platelet interactions, as well as angiogenesis and brain development (PMID: 12208882; 23255084). JAM3 may also be a new marker for predicting the prognosis and immune functions of bladder cancer patients (PMID: 38400838).

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

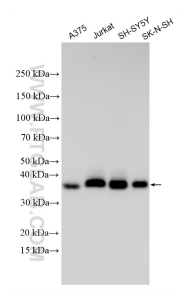
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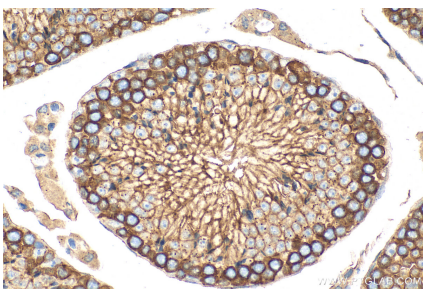
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 32424-1-AP (JAM3 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 32424-1-AP (JAM3 antibody) at dilution of 1:600 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).