

Datasheet for ABIN2789839

anti-JAM2 antibody (Middle Region)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µL
Target:	JAM2
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Cow, Dog, Horse, Guinea Pig, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This JAM2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of Human JAM2
Sequence:	LVAPAVPSCE VPSSALSGTV VELRCQDKEG NPAPEYTWFK DGIRLLENPR
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 93%, Rat: 93%
Characteristics:	This is a rabbit polyclonal antibody against JAM2. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	JAM2
Alternative Name:	JAM2 (JAM2 Products)

Target Details

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. It acts as an adhesive ligand for interacting with a variety of immune cell types and may play a role in lymphocyte homing to secondary lymphoid organs. Alias Symbols: C21orf43, CD322, JAM-B, JAMB, PRO245, VE-JAM, VEJAM Protein Interaction Partner: JAM3, JAM2, CSNK1A1L, TDP2, SOX8, YBX1, NME3, GPR20, F2RL2, TJP1, PARD3, Protein Size: 298
Molecular Weight:	31 kDa
Gene ID:	58494
NCBI Accession:	NM_021219 , NP_067042
UniProt:	P57087

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 298 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C

Handling

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-JAM2 Antibody Titration: 1.0 ug/ml Positive Control: Fetal Liver