

Product datasheet

Anti-JAM-4 antibody ab107883

1 Image

Overview

Product name	Anti-JAM-4 antibody
Description	Rabbit polyclonal to JAM-4
Host species	Rabbit
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Human
Immunogen	Synthetic peptide corresponding to Human JAM-4 aa 1-30 (N terminal) conjugated to keyhole limpet haemocyanin. Database link: NP_001073913.1
Positive control	293 cell line lysate
General notes	Previously labelled as IGSF5.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at 4°C (up to 6 months). Store at -20°C long term.
Storage buffer	Preservative: 0.09% Sodium azide Constituent: PBS
Purity	Immunogen affinity purified
Purification notes	ab107883 is purified through a protein A column, followed by peptide affinity purification.
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab107883** in the following tested applications.

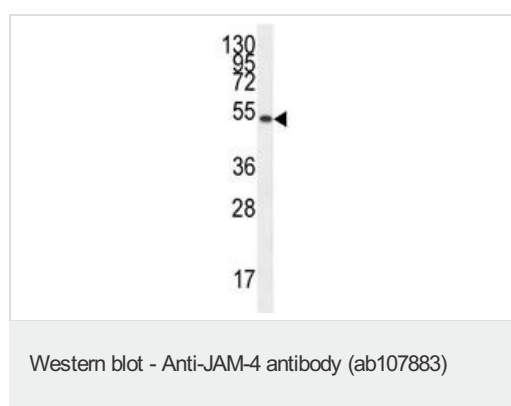
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/100 - 1/500. Predicted molecular weight: 45 kDa.

Target

Function	Provides, together with MAGI1, an adhesion machinery at tight junctions, which may regulate the permeability of kidney glomerulus and small intestinal epithelial cells. Mediates calcium-independent homophilic cell adhesion. In testis, it may function as a cell adhesion molecule rather than a tight-junction protein. It may participate in the adhesion between spermatogonia-spermatogonia, spermatogonia-Sertoli cells, and Sertoli cells-Sertoli cells.
Sequence similarities	Belongs to the immunoglobulin superfamily. Contains 2 Ig-like V-type (immunoglobulin-like) domains.
Cellular localization	Cell membrane. Cell junction > tight junction.

Images



Anti-JAM-4 antibody (ab107883) at 1/100 dilution + 293 cell line lysate at 35 µg

Predicted band size: 45 kDa

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