

IGSF5 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP10623a

Product Information

Application	WB, E
Primary Accession	Q9NSI5
Other Accession	NP_001073913.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB28382
Calculated MW	44593
Antigen Region	1-30

Additional Information

Gene ID	150084
Other Names	Immunoglobulin superfamily member 5, IGSF5, Junctional adhesion molecule 4, JAM-4, IGSF5, JAM4
Target/Specificity	This IGSF5 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human IGSF5.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	IGSF5 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	IGSF5
Synonyms	JAM4
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 (By similarity).

Cellular Location

Apical cell membrane {ECO:0000250|UniProtKB:Q5VJ70}; Single-pass type I membrane protein. Cell junction, tight junction {ECO:0000250|UniProtKB:Q5VJ70}

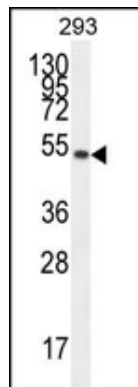
Background

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 (By similarity).

References

Rose, J. Phd, et al. Mol. Med. (2010) In press :

Images



IGSF5 Antibody (N-term) (Cat. #AP10623a) western blot analysis in 293 cell line lysates (35ug/lane). This demonstrates the IGSF5 antibody detected the IGSF5 protein (arrow).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.