

Rabbit anti-Human IGSF5 Polyclonal Antibody | anti-IGSF5 antibody

IGSF5 Antibody (N-term)

CATALOG # AAA290288	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Western Blot
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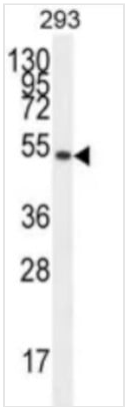
PRODUCT SYNONYMS

IGSF5; Polyclonal Antibody; IGSF5 Antibody (N-term); Immunoglobulin superfamily member 5; IgSF5; Junctional adhesion molecule 4; JAM-4; JAM4; anti-IGSF5 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
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.
Purity/Purification	This antibody is purified through a protein A column, followed by peptide affinity purification.
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Sequence Positions	1-30
Sequence Length	407
Applicable Applications for anti-IGSF5 antibody	ELISA, WB (Western Blot)
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}
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



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

ADDITIONAL INFORMATION

Product Categories/Family for anti-IGSF5 antibody	Signal Transduction
References	Rose, J. Phd, et al. Mol. Med. (2010) In press :

NCBI AND UNIPROT INFORMATION

NCBI GI #	122937285
NCBI GeneID	150084
NCBI Accession #	NP_001073913.1
NCBI GenBank Nucleotide #	NM_001080444.1
UniProt Accession #	Q9NSI5
Molecular Weight	44593
NCBI Official Full Name	immunoglobulin superfamily member 5
NCBI Official Synonym Full Names	immunoglobulin superfamily, member 5
NCBI Official Symbol	IGSF5
NCBI Official Synonym Symbols	GSF5; JAM4
NCBI Protein Information	immunoglobulin superfamily member 5
UniProt Protein Name	Immunoglobulin superfamily member 5
UniProt Gene Name	IGSF5
UniProt Synonym Gene Names	JAM4; IgSF5; JAM-4
UniProt Entry Name	IGSF5_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.