

IGSF5 Rabbit pAb

Catalog # AP98584

Product Information

Application	IHC-P, IHC-F, IF, E
Primary Accession	Q9NSI5
Other Accession	Q9NSI5
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	44593
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human IGSF5
Epitope Specificity	171-270/407
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the immunoglobulin superfamily. Contains 2 Ig-like V-type (immunoglobulin-like) domains.
SUBUNIT	Interacts with MAGI1 at tight junctions, forms a tripartite complex with NPHS1 (By similarity). Interacts with LNX1 isoform 2 via its PDZ 2 domain, it may also interact with other isoforms containing this domain (By similarity).
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	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.

Additional Information

Gene ID	150084
Other Names	GSF5; JAM4; IGSF5_HUMAN; IGSF5; Junctional adhesion molecule 4 (JAM-4); immunoglobulin superfamily member 5; immunoglobulin superfamily, member 5; junctional adhesion molecule 4
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:50-200,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

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}

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