



Rabbit Anti-IGSF5 antibody

SL9197R

Product Name:	IGSF5
Chinese Name:	免疫球蛋白超家族成员5抗体
Alias:	GSF5; IgSF5; IGSF5_HUMAN; Immunoglobulin superfamily 5 like; Immunoglobulin superfamily member 5; JAM-4; Junctional adhesion molecule 4.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:50-200 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	45kDa
Cellular localization:	The cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human IGSF5:171-270/407<Extracellular>
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. 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.
PubMed:	PubMed
Product Detail:	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.

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).

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).

Subcellular Location:

Cell membrane; Single-pass membrane protein (By similarity). Cell junction, tight junction (By similarity).

Similarity:

Belongs to the immunoglobulin superfamily.
Contains 2 Ig-like V-type (immunoglobulin-like) domains.

SWISS:

Q9NSI5

Gene ID:

150084

Database links:

[Entrez Gene: 150084](#)Human

[Omim: 610638](#)Human

[SwissProt: Q9NSI5](#)Human

[Unigene: 422120](#)Human

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.