



Rabbit Anti-IGSF3 antibody

SL9196R

Product Name:	IGSF3
Chinese Name:	免疫球蛋白超家族成员3抗体
Alias:	EWI 3; EWI3; Glu Trp Ile EWI motif containing protein 3; Immunoglobulin superfamily member 3; Immunoglobulin superfamily member 3; KIAA0466; MGC117164; V8 antibody; IGSF3_HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Cow,Horse,Rabbit,
Applications:	WB=1:500-2000ELISA=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:	133kDa
Cellular localization:	The cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human IGSF3:631-730/1194<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:	IGSF3, also known as V8 or EWI-3, is a 1,214 amino acid protein. Widely expressed with predominant expression in kidney, placenta and lung, IGSF3 localizes to the membrane and contains an N-terminal signal peptide, eight immunoglobulin (Ig) domains and a transmembrane segment. IGSF3 exhibits strong sequence and structural

similarity to CD101 (32% identity), a leukocyte surface protein with seven Ig domains that is believed to play a role in T-cell activation. Despite the structural similarities between IGSF3 and CD101, IGSF3 is not expressed in peripheral blood lymphocytes and does not appear to participate in an immune function. Based on its subcellular localization and the presence of the eight Ig domains, IGSF3 is hypothesized to function as a surface receptor or as a cell adhesion molecule.

Subcellular Location:

Membrane; Single-pass type I membrane protein

Tissue Specificity:

It is expressed in a wide range of tissues with high expression in placenta, kidney and lung.

Similarity:

Contains 8 Ig-like C2-type (immunoglobulin-like) domains.

SWISS:

O75054

Gene ID:

3321

Database links:

[Entrez Gene: 3321](#)Human

[Entrez Gene: 78908](#)Mouse

[Entrez Gene: 295325](#)Rat

[Omim: 603491](#)Human

[SwissProt: O75054](#)Human

[SwissProt: Q6ZQA6](#)Mouse

Important Note:

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