

IGSF3 Rabbit pAb

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Catalog # AP59179

Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	O75054
Predicted	Rat, Pig, Dog, Human, Mouse, Rabbit, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	135196
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human IGSF3
Epitope Specificity	631-730/1194
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Membrane; Single-pass type I membrane protein
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	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.

Additional Information

Gene ID	3321
Other Names	Immunoglobulin superfamily member 3, IgSF3, Glu-Trp-Ile EWI motif-containing protein 3, EWI-3, IGSF3, EWI3, KIAA0466
Dilution	WB=1:500-2000,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	IGSF3
Synonyms	EWI3, KIAA0466
Cellular Location	Membrane; Single-pass type I membrane protein
Tissue Location	Expressed in a wide range of tissues with High expression in Placenta, kidney and lung.

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