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NLG1 Rabbit pAb

Catalog # AP97336

Product Information

Application	WB, IHC-P, IHC-F, IF, E
Primary Accession	Q6UWL6
Other Accession	Q6UWL6
Predicted	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	75093
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human NLG1/KIRREL2
Epitope Specificity	165-260/708
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 5 Ig-like C2-type (immunoglobulin-like) domains.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	KIRREL2 is an immunoglobulin super family gene, it has been found to be expressed in beta cells of pancreatic islets; KIRR2_HUMAN.

Additional Information

Gene ID	84063
Other Names	FILTRIN; NEPH3; NLG1; C330019F22Rik; KIRR2_HUMAN; KIRREL2; Kin of irregular chiasm-like protein 2; Nephrin-like protein 3; KIRR2_MOUSE; kirre like nephrin family adhesion molecule 2; kin of IRRE like 2 (Drosophila); nephrin-like gene 1
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,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	KIRREL2
Synonyms	NEPH3

Function	May regulate basal insulin secretion.
Cellular Location	Cell membrane {ECO:0000250|UniProtKB:Q7TSU7}; Single-pass type I membrane protein. Note=Localized along the sites of the cell contacts. Colocalizes with E-Cadherin and beta- catenin. {ECO:0000250|UniProtKB:Q7TSU7}
Tissue Location	Highly expressed in beta-cells of the pancreatic islets.

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