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Anti-FILTRIN Antibody

Catalog # AP60169

Product Information

Application	WB, IF/IC
Primary Accession	Q6UWL6
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	75093

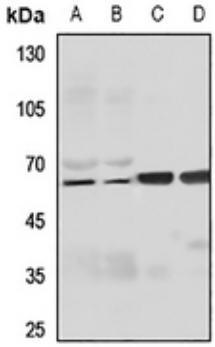
Additional Information

Gene ID	84063
Other Names	NEPH3; Kin of IRRE-like protein 2; Kin of irregular chiasm-like protein 2; Nephrin-like protein 3
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human FILTRIN. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000) IF/IC~~N/A
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

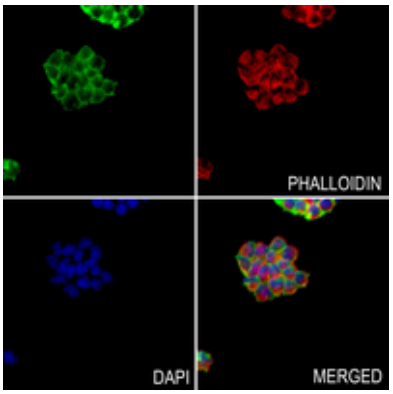
Protein Information

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.

Images



Western blot analysis of FILTRIN expression in HEK293T (A), Hela (B), mouse brain (C), rat brain (D) whole cell lysates. (Predicted band size: 75 kD; Observed band size: 62 kD)



Immunofluorescent analysis of FILTRIN staining in MDAMB231 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a hidified chamber. Cells were washed with PBST and incubated with a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).

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