bs-11864R **[Primary Antibody]**

KIRREL3 Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 84623 **SWISS:** Q8IZU9

Target: KIRREL3

Immunogen: KLH conjugated synthetic peptide derived from human KIRREL3: 351-450/778. < Extracellular >

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: NEPH2 is a 778 amino acid single-pass type I membrane protein that belongs to the nephrin-like protein family and immunoglobulin superfamily. Expressed in both fetal and adult brain, as well as podocytes of kidney glomeruli, NEPH2 contains five Ig-like C2-type (immunoglobulin-like) domains and is thought to plaly a role in the hematopoetic supportive capacity of stroma cells. NEPH2 undergoes alternative splicing to produce two isoforms and contains a C-terminal cytoplasmic domain which it uses to interact with Podocin, a podocyte protein involved in ultrafiltration. Defects in the gene encoding NEPH2 are associated with mental retardation autosomal dominant type 4 (MRD4).

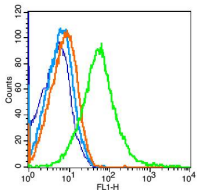
Applications: **Flow-Cyt** (1µg/Test)

Reactivity: Mouse (predicted: Human, Rat, Chicken)

Predicted MW.: 83 kDa

Subcellular Location: Cell membrane

VALIDATION IMAGES



Blank control(blue):Mouse nephrocytes (fixed with 2% paraformaldehyde (10 min)). Primary Antibody:Rabbit Anti- KIRREL3 antibody(bs-11864R), Dilution: 1µg in 100 µL 1X PBS containing 0.5% BSA; Isotype Control Antibody: Rabbit IgG(orange) ,used under the same conditions); Secondary Antibody: Goat anti-rabbit IgG-PE(white blue), Dilution: 1:200 in 1 X PBS containing 0.5% BSA.