

bs-6435R

[Primary Antibody]

KIRREL1 Rabbit pAb



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— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) ELISA (1:5000-10000) Reactivity: (predicted: Human, Mouse, Rat) Predicted MW.: 82 kDa Subcellular Location: Cell membrane
Clonality: Polyclonal		
GeneID: 84623	SWISS: Q8IZU9	
Target: KIRREL1		
Immunogen: KLH conjugated synthetic peptide derived from human KIRREL1/NEPH1: 301-400/757.		
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 play a role in the hematopoietic 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).		

— SELECTED CITATIONS —

- **[IF=5.3]** Tao Wang, et al. KIRREL promotes the proliferation of gastric cancer cells and angiogenesis through the PI3K/AKT/mTOR pathway. JOURNAL OF CELLULAR AND MOLECULAR MEDICINE. 2023 Nov;; IHC,WB ;Human. 37909722