

bs-24450R**[Primary Antibody]****Polycystin 2 Rabbit pAb****Bioss**
ANTIBODIES

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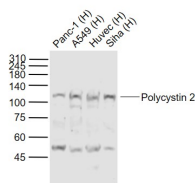
sales@bioss.com.cn

techsupport@bioss.com.cn

400-901-9800

— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		Reactivity: Human (predicted: Mouse, Rat, Rabbit, Pig, Cow, Zebrafish, Horse)
GeneID: 5311	SWISS: Q13563	Predicted MW.: 106 kDa
Target: Polycystin 2		Subcellular Location: Cell membrane ,Cytoplasm
Immunogen: KLH conjugated synthetic peptide derived from human Polycystin 2: 41-140/968. < Cytoplasmic >		
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: This gene encodes a member of the polycystin protein family. The encoded protein is a multi-pass membrane protein that functions as a calcium permeable cation channel, and is involved in calcium transport and calcium signaling in renal epithelial cells. This protein interacts with polycystin 1, and they may be partners in a common signaling cascade involved in tubular morphogenesis. Mutations in this gene are associated with autosomal dominant polycystic kidney disease type 2. [provided by RefSeq, Mar 2011].		

— VALIDATION IMAGES —

Sample: Lane 1: Panc-1 (Human) Cell Lysate at 30 ug
Lane 2: A549 (Human) Cell Lysate at 30 ug
Lane 3: Huvec (Human) Cell Lysate at 30 ug
Lane 4: Siha (Human) Cell Lysate at 30 ug
Primary: Anti-Polycystin 2 (bs-24450R) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 110 kD
Observed band size: 110 kD