

bs-5016R**[Primary Antibody]****Claudin 8 Rabbit pAb**

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— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000) ELISA (1:5000-10000)
Clonality: Polyclonal		
GeneID: 9073	SWISS: P56748	Reactivity: Human (predicted: Mouse, Rat, Rabbit, Pig, Cow, Dog, Horse)
Target: Claudin 8		
Immunogen: KLH conjugated synthetic peptide derived from human Claudin 8: 21-120/225. < Extracellular >		
Purification: affinity purified by Protein A		Predicted MW.: 25 kDa
Concentration: 1mg/ml		Subcellular Location: Cell membrane
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 claudin family. Claudins are integral membrane proteins and components of tight junction strands. Tight junction strands serve as a physical barrier to prevent solutes and water from passing freely through the paracellular space between epithelial or endothelial cell sheets, and also play critical roles in maintaining cell polarity and signal transductions. This protein plays important roles in the paracellular cation barrier of the distal renal tubule, and in the paracellular barrier to prevent sodium back-leakage in distal colon. Differential expression of this gene has been observed in colorectal carcinoma and renal cell tumors, and along with claudin-7, is an immunohistochemical marker for the differential diagnosis of chromophobe renal cell carcinoma and renal oncocytoma.[provided by RefSeq, May 2010]		

— SELECTED CITATIONS —

- **[IF=12.2]** Chen Liu. et al. Dietary iron modulates gut microbiota and induces SLPI secretion to promote colorectal tumorigenesis. GUT MICROBES. 2023;15(1):Article: 2221978 WB ;Mouse. 37312410