

bs-6683R**[Primary Antibody]****CLDND1 Rabbit pAb****Bioss**
ANTIBODIES

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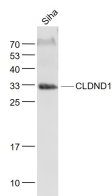
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— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		Reactivity: Human (predicted: Mouse, Rat, Sheep, Cow, Dog, Horse)
GeneID: 56650	SWISS: Q9NY35	Predicted MW.: 29 kDa
Target: CLDND1		Subcellular Location: Cell membrane
Immunogen: KLH conjugated synthetic peptide derived from human CLDND1: 201-253/253.		
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: CLDND1 is a 253 amino acid multi-pass membrane protein that is expressed at high levels in adult brain and at lower levels in adult heart. Existing as two alternatively spliced isoforms, CLDND1 is encoded by a gene that maps to human chromosome 3, which houses over 1,100 genes, including a chemokine receptor (CKR) gene cluster and a variety of human cancer-related gene loci. Key tumor suppressing genes on chromosome 3 include those that encode the apoptosis mediator RASSF1, the cell migration regulator HYAL1 and the angiogenesis suppressor SEMA3B. Marfan Syndrome, porphyria, von Hippel-Lindau syndrome, osteogenesis imperfecta and Charcot-Marie-Tooth Disease are a few of the numerous genetic diseases associated with chromosome 3.		

— VALIDATION IMAGES —

Sample: SiHa(Human) Cell Lysate at 30 ug
Primary: Anti- CLDND1 (bs-6683R) at 1/1000
dilution Secondary: IRDye800CW Goat Anti-
Rabbit IgG at 1/20000 dilution Predicted band
size: 29 kD Observed band size: 30 kD