bs-6683R **[Primary Antibody]**

CLDND1 Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 56650 **SWISS:** Q9NY35

Target: CLDND1

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.

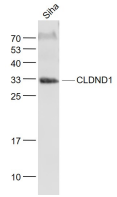
Applications: **WB** (1:500-2000)

Reactivity: Human (predicted: Mouse, Rat, Sheep, Cow, Dog, Horse)

Predicted MW.: 29 kDa

Subcellular Location: Cell membrane

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