

bs-6027R**[Primary Antibody]****CADM3 Rabbit pAb****Bioss**
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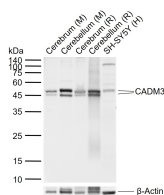
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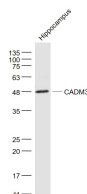
400-901-9800

DATASHEET**Host:** Rabbit**Isotype:** IgG**Clonality:** Polyclonal**GeneID:** 57863**SWISS:** Q8N126**Target:** CADM3**Immunogen:** KLH conjugated synthetic peptide derived from human CADM3: 101-200/398.**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: Immunoglobulin superfamily member 4B (Cell adhesion molecule 3, Nectin-like protein 1) is a nectin family gene product that contains 2 Ig-like C2-type (immunoglobulin-like) domains and an Ig-like V-type (immunoglobulin-like) domain. IGSF4B is a single-pass type I membrane protein that localizes to cell-cell interacting sites along the plasma membrane. IGSF4B functions as a cell adhesion molecule at cell-cell junctions. IGSF4B can be found as a homodimer and has a dual calcium-independent adhesion function; a homophilic cell-cell interaction and a heterophilic cell-cell interaction involving IGSF4, Nectin 1 and Nectin 3. IGSF4B may also interact with EPB41L1 which has a potential for regulating structure or function of cell-cell junctions By similarity. Isoform 1 is expressed in adult and fetal brain. Isoform 2 is highly expressed in the cerebellum but is also weakly expressed in placenta. IGSF4B has been found to be markedly over-expressed in glioma cell lines and prostate cancer cell lines.**Applications:** WB (1:500-2000)**Reactivity:** Human, Mouse, Rat
(predicted: Rabbit, Pig, Cow, Dog, Horse)**Predicted MW.:** 41 kDa**Subcellular Location:** Cell membrane ,Cytoplasm**VALIDATION IMAGES**

Sample: Lane 1: Mouse Cerebrum tissue lysates
 Lane 2: Mouse Cerebellum tissue lysates Lane 3:
 Rat Cerebrum tissue lysates Lane 4: Rat
 Cerebellum tissue lysates Lane 5: Human SH-
 SY5Y cell lysates Primary: Anti-CADM3 (bs-6027R)
 at 1/1000 dilution Secondary: IRDye800CW Goat
 Anti-Rabbit IgG at 1/20000 dilution Predicted
 band size: 41 kDa Observed band size: 45,47 kDa



Sample: Hippocampus (Mouse) Lysate at 40 ug
 Primary: Anti- CADM3 (bs-6027R) at 1/1000
 dilution Secondary: IRDye800CW Goat Anti-
 Rabbit IgG at 1/20000 dilution Predicted band
 size: 41 kD Observed band size: 48 kD