

bs-22371R**[Primary Antibody]**

Calcium Sensing Receptor Rabbit pAb

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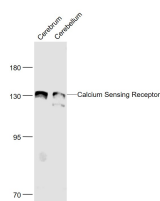
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— DATASHEET —

| | | |
|---|----------------------|---|
| Host: Rabbit | Isotype: IgG | Applications: WB (1:500-2000) |
| Clonality: Polyclonal | | Reactivity: Mouse, Rat (predicted: Human, Rabbit, Sheep, Cow) |
| GeneID: 846 | SWISS: P41180 | Predicted MW.: 118 kDa |
| Target: Calcium Sensing Receptor | | Subcellular Location: Cell membrane |
| Immunogen: KLH conjugated synthetic peptide derived from human Calcium Sensing Receptor: 71-170/1078. < Extracellular > | | |
| 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: Extracellular calcium-sensing receptor (CaSR), also designated parathyroid cell calcium-sensing receptor, is an integral membrane protein that belongs to the G protein-coupled receptor 3 family. CaSR is involved in maintaining a stable calcium concentration by acting as an sensor of the extracellular calcium levels for the parathyroid and kidney. Its activity is mediated by a G protein which activates a phosphatidylinositol-calcium second messenger | | |

— VALIDATION IMAGES —



Sample: Cerebrum (Rat) Lysate at 40 ug
Cerebellum (Mouse) Lysate at 40 ug Primary:
Anti- Calcium Sensing Receptor (bs-22371R) at
1/1000 dilution Secondary: IRDye800CW Goat
Anti-Rabbit IgG at 1/20000 dilution Predicted
band size: 118 kD Observed band size: 130 kD