

bs-11245R**[Primary Antibody]****CACNA1F Rabbit pAb**

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— DATASHEET —

Host: Rabbit Clonality: Polyclonal GeneID: 778 Target: CACNA1F Immunogen: KLH conjugated synthetic peptide derived from human CACNA1F: 1001-1100/1977. 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: Voltage-dependent Ca ²⁺ channels mediate Ca ²⁺ entry into excitable cells in response to membrane depolarization, and they are involved in a variety of Ca ²⁺ -dependent processes, including muscle contraction, hormone or neurotransmitter release and gene expression. Ca ²⁺ currents are characterized on the basis of their biophysical and pharmacologic properties and include L-, N-, T-, P-, Q-, and R- types. L-type Ca ²⁺ currents initiate muscle contraction, endocrine secretion, and gene transcription, and can be regulated through second-messenger activated protein phosphorylation pathways. L-type calcium channels may form macromolecular signaling complexes with G protein-coupled receptors, thereby enhancing the selectivity of regulating specific targets.	Isotype: IgG SWISS: O60840	Applications: ELISA (1:5000-10000) Reactivity: (predicted: Human, Mouse, Rat, Pig, Sheep, Cow) Predicted MW.: 221 kDa Subcellular Location: Cell membrane
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