bs-11245R **[Primary Antibody]**

CACNA1F Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 778 **SWISS:** O60840

Target: CACNA1F

Immunogen: KLH conjugated synthetic peptide derived from human CACNA1F: 1001-1100/1977. < 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: Voltage-dependent Ca2+ channels mediate Ca2+ entry into excitable cells in response to membrane depolarization, and they are involved in a variety of Ca2+-dependent processes, including muscle contraction, hormone or neurotransmitter release and gene expression.Ca2+ currents are characterized on the basis of their biophysical and pharmacologic properties and include L-, N-, T-, P-, Q-, and R- types. L-type Ca2+ 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.

Applications: **ELISA** (1:5000-10000)

Reactivity: (predicted: Human, Mouse, Rat, Pig, Sheep, Cow)

Predicted MW.: 221 kDa

Subcellular Location: Cell membrane