bs-2776R **[Primary Antibody]**

CACNA1C Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 775 **SWISS:** Q13936

Target: CACNA1C

Immunogen: KLH conjugated synthetic peptide derived from human CACH2: 351-450/2221. < Cytoplasmic >

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: The receptor for the 1,4-dihydropyrodine (DHPR) class of Ca2+ channel is most abundant in the transverse tubular membranes of skeletal muscle. DHRP is essential in excitation-contraction (E-C) coupling and has been proposed to have a dual function as a calcium channel and voltage sensor. Skeletal muscle DHRP consists of four subunits: alpha1 (170kDa); alpha2 (175kDa non-reduced, 150kDa reduced); beta (52kDa) and gamma (32kDa).

Applications: **IHC-P** (1:100-500)
IHC-F (1:100-500)
IF (1:100-500)
ELISA (1:1000-5000)

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

Predicted MW.: 239 kDa

Subcellular Location: Cell membrane

SELECTED CITATIONS

- **[IF=3.263]** Li L et al. Sacubitril/valsartan attenuates atrial electrical and structural remodelling in a rabbit model of atrial fibrillation. Eur J Pharmacol . 2020 Aug 15;881:173120. IHC,WB ;rabbit. 32325147