

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

www.bioss.com.cn

sales@bioss.com.cn

techsupport@bioss.com.cn

400-901-9800

CACNA1C Rabbit pAb**— DATASHEET —**

Host: Rabbit	Isotype: IgG	Applications: IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) ELISA (1:1000-5000)
Clonality: Polyclonal		
GeneID: 775	SWISS: Q13936	
Target: CACNA1C		
Immunogen: KLH conjugated synthetic peptide derived from human CACH2: 351-450/2221.		
Purification: affinity purified by Protein A		Reactivity: (predicted: Human, Mouse, Rat, Rabbit, Pig, Cow, Dog, Horse)
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.		Predicted MW.: 239 kDa
Background: The receptor for the 1,4-dihydropyridine (DHP) class of Ca ²⁺ channel is most abundant in the transverse tubular membranes of skeletal muscle. DHP 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 DHP consists of four subunits: alpha1 (170kDa); alpha2 (175kDa non-reduced, 150kDa reduced); beta (52kDa) and gamma (32kDa).		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