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[Primary Antibody]

Recombinant Rabbit Anti-Cacna1c Monoclonal Antibody

Catalog Number: SLA0914M

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Monoclonal
Clone No.:	8F1
GeneID:	12288
SWISS:	Q01815
Target:	Cacna1c
Immunogen:	Recombinant mouse CACNA1C protein
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℃. Store at -20℃ for one year. Avoid repeated freeze/thaw cycles.
Applications:	IHC-P (1:50-200) IHC-F (1:50-200) Not yet tested in other applications. Optimal working dilutions must be determined by the end user.
Reactivity:	Mouse,Rat
Predicted MW.:	240 kDa
Subcellular Location:	Membrane
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).

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.