



Anti-CACNA1G polyclonal antibody (DPAB-DC1501)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	low voltage-activated calcium channel alpha subunit; involved in calcium ion transport in nerve, muscle and edocrine cells [RGD, Feb 2006]
Immunogen	A synthetic peptide (conjugated with KLH) corresponding to rat Cacna1g.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Rat
Conjugate	Unconjugated
Applications	WB,
Format	Liquid
Size	100 µg
Buffer	In PBS (0.08% sodium azide)
Preservative	0.08% Sodium Azide
Storage	Store at -20°C. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	Cacna1g calcium channel, voltage-dependent, T type, alpha 1G subunit [Rattus norvegicus (Norway rat)]
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Official Symbol	CACNA1G
Synonyms	CACNA1G; calcium channel, voltage-dependent, T type, alpha 1G subunit; voltage-dependent T-type calcium channel subunit alpha-1G; voltage-gated calcium channel subunit alpha Cav3.1;
Entrez Gene ID	29717
Protein Refseq	NP_113789
UniProt ID	O54898
Chromosome Location	10q26-q31
Pathway	Axon guidance; Calcium signaling pathway; Circadian entrainment; MAPK signaling pathway.
Function	low voltage-gated calcium channel activity; scaffold protein binding; voltage-gated calcium channel activity;