



Anti-CACNA1E polyclonal antibody (DPAB-DC2311)

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

PRODUCT INFORMATION

Antigen Description	T-type low voltage-activated calcium channel that may be involved in neuronal firing [RGD, Feb 2006]
Immunogen	A synthetic peptide (conjugated with KLH) corresponding to rat Cacna1e.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse, 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	Cacna1e calcium channel, voltage-dependent, R type, alpha 1E subunit [Rattus norvegicus (Norway rat)]
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Official Symbol	CACNA1E
Synonyms	CACNA1E; calcium channel, voltage-dependent, R type, alpha 1E subunit; CACHA1E; voltage-dependent R-type calcium channel subunit alpha-1E; BII; RBE2; RBE-II; brain calcium channel II; voltage gated calcium channel alpha1E subunit; voltage-dependent calcium channel alpha1-E subunit; voltage-gated calcium channel subunit alpha Cav2.3; calcium channel, L type, alpha-1 polypeptide, isoform 6; calcium channel, voltage-dependent, L type, alpha 1E subunit;
Entrez Gene ID	54234
Protein Refseq	NP_062167
UniProt ID	Q923K6
Chromosome Location	13q21
Pathway	Calcium Regulation in the Cardiac Cell; Depolarization of the Presynaptic Terminal Triggers the Opening of Calcium Channels; MAPK signaling pathway; Neuronal System.
Function	calcium ion binding; high voltage-gated calcium channel activity; low voltage-gated calcium channel activity; protein N-terminus binding