

CACNA1B Antibody

Catalog No: #46382

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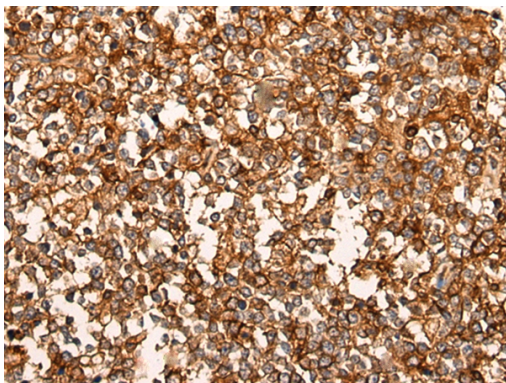
Description

Product Name	CACNA1B Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification
Applications	IHC
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous levels of total CACNA1B protein.
Immunogen Type	peptide
Immunogen Description	Synthetic peptide corresponding to residues near the C terminal of human CACNA1B
Target Name	CACNA1B
Other Names	BIII; CACNN; DYT23; Cav2.2; CACNL1A5
Accession No.	Swiss-Prot:Q00975 NCBI Gene ID:774NCBI Protein:NP_000709
Uniprot	Q00975
GeneID	774;
Concentration	0.7mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C

Application Details

Immunohistochemistry: 1: 25-100

Images



The image on the left is immunohistochemistry of paraffin-embedded Human tonsil tissue using 46382(CACNA1B Antibody) at dilution 1/25, on the right is treated with synthetic peptide. (Original magnification: x200)

Background

The protein encoded by this gene is the pore-forming subunit of an N-type voltage-dependent calcium channel, which controls neurotransmitter release from neurons. The encoded protein forms a complex with alpha-2, beta, and delta subunits to form the high-voltage activated channel. This channel is sensitive to omega-conotoxin-GVIA and omega-agatoxin-IIIa but insensitive to dihydropyridines. Two transcript variants encoding different isoforms have been found for this gene.?

Note: This product is for in vitro research use only