

CACNA1B antibody

Catalog No: #22790



Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

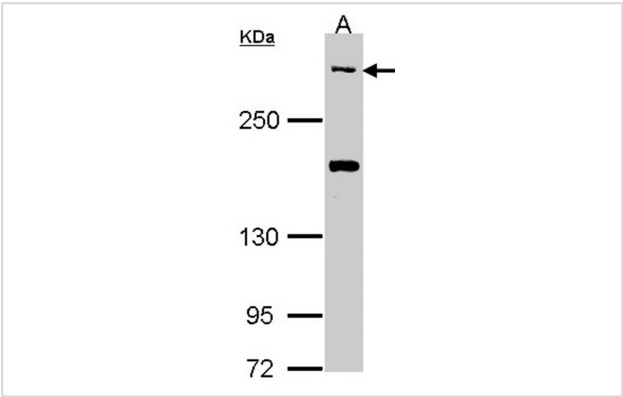
Description

Product Name	CACNA1B antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Purified by antigen-affinity chromatography.
Applications	WB IF
Species Reactivity	Hu
Immunogen Type	Recombinant protein
Immunogen Description	Recombinant protein fragment contain a sequence corresponding to a region within amino acids 2013 and 2169 (Q00975) of CACNA1B
Target Name	CACNA1B
Accession No.	Swiss-Prot:Q00975Gene ID:774
Uniprot	Q00975
GeneID	774;
Concentration	0.4mg/ml
Formulation	Supplied in 1XPBS, 10% Glycerol (pH7.0). 0.01% Thimerosal was added as a preservative.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

Application Details

Predicted MW: 263kd
Western blotting: 1:500-1:3000
Immunofluorescence: 1:100-1:200

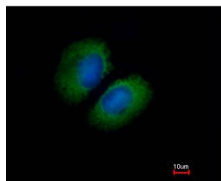
Images



Sample (30 ug of whole cell lysate)
A: A549
5% SDS PAGE
Primary antibody diluted at 1: 1000



Costained with Hoechst 33342



Immunofluorescence analysis of methanol-fixed A549, using CACNA1B antibody at 1: 500 dilution.

Background

Voltage-dependent Ca^{2+} channels are multisubunit complexes found in the membrane of many excitable cells that regulate calcium entry (see MIM 601011). N-type calcium channels, which control neurotransmitter release from neurons, are dihydropyridine-insensitive and omega-conotoxin-sensitive. The alpha-1 subunit forms the pore through which calcium enters the cell, and is encoded by a family of at least 5 genes.[supplied by OMIM]

Note: This product is for in vitro research use only