antibodies - online.com







anti-CACNA2D1 antibody (N-Term)

Images



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zed with a KLH conjugated
rminal region of human CACNA2D1.
ed by peptide affinity purification.
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Target Details

Storage:

Expiry Date:

Storage Comment:

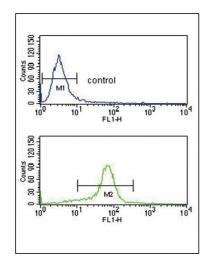
Background:	CACNA2D1 is a member of the alpha-2/delta subunit family, a protein in the voltage-dependent calcium channel complex. Calcium channels mediate the influx of calcium ions into the cell upon membrane polarization and consist of a complex of alpha-1, alpha-2/delta, beta, and gamma subunits in a 1:1:1:1 ratio. Research on a highly similar protein in rabbit suggests the protein described in this record is cleaved into alpha-2 and delta subunits.
Molecular Weight:	124568
Gene ID:	781
NCBI Accession:	NP_000713
UniProt:	P54289
Application Details	
Application Notes:	WB: 1:1000. FC: 1:10~50
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

4 °C,-20 °C

6 months

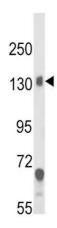
aliquots to prevent freeze-thaw cycles.

Maintain refrigerated at 2-8 $^{\circ}$ C for up to 6 months. For long term storage store at -20 $^{\circ}$ C in small



Flow Cytometry

Image 1. CACNA2D1 Antibody (N-term) (ABIN652644 and ABIN2842433) flow cytometry analysis of K562 cells (bottom histogram) compared to a negative control cell (top histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



Western Blotting

Image 2. Western blot analysis of CACNA2D1 Antibody (Nterm) (ABIN652644 and ABIN2842433) in mouse brain tissue lysates ($35 \mu g/lane$). CACNA2D1 (arrow) was detected using the purified Pab.