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Anti-CACNA2D4 Antibody

Rabbit polyclonal antibody to CACNA2D4
Catalog # AP61011

Product Information

Application	WB
Primary Accession	Q7Z3S7
Other Accession	Q5RJF7
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	127938

Additional Information

Gene ID	93589
Other Names	Voltage-dependent calcium channel subunit alpha-2/delta-4; Voltage-gated calcium channel subunit alpha-2/delta-4
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human CACNA2D4. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000)
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

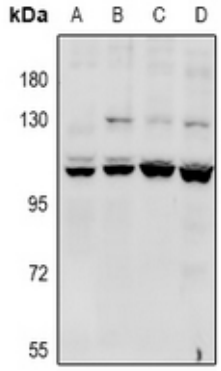
Protein Information

Name	CACNA2D4
Function	The alpha-2/delta subunit of voltage-dependent calcium channels regulates calcium current density and activation/inactivation kinetics of the calcium channel.
Cellular Location	Membrane; Single-pass type I membrane protein
Tissue Location	Predominantly expressed in certain types of endocrine cells. Present in the Paneth cells of the small intestine Also present in the erythroblasts in the fetal liver, in the cells of the zona reticularis of the adrenal gland and in the basophils of the pituitary. Present at low level in some brain regions such as the cerebellum (at protein level).

Background

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human CACNA2D4. The exact sequence is proprietary.

Images



Western blot analysis of CACNA2D4 expression in HCT116 (A), HepG2 (B), AML12 (C), PC12 (D) whole cell lysates.