

Anti-CACNA2D4 Polyclonal Antibody

Cat: AC51308

Summary:

【 Product name 】 : Anti-CACNA2D4 **【 Source 】** : Rabbit
antibody

【 Isotype 】 : IgG **【 Species reactivity 】** : Human

【 Swiss Prot 】 : Q7Z3S7 **【 Gene ID 】** : 93589

【 Calculated 】 : MW:128kDa **【 Observed 】** : MW:110kDa

【 Purification 】 : Affinity purification

【 Tested applications 】 : WB

【 Recommended dilution 】 : WB 1:500-2000.

【 WB Positive sample 】 : HT-29,LO2

【 Subcellular location 】 : Membrane Single-pass type I membrane protein

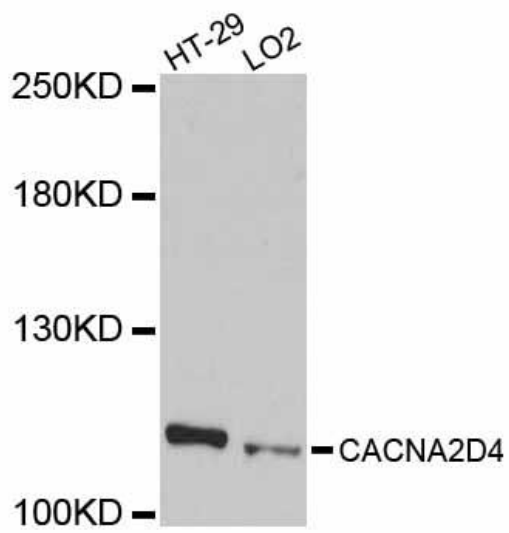
【 Immunogen 】 : Recombinant protein of human CACNA2D4

【 Storage 】 : Shipped at 4°C. Upon delivery aliquot and store at -20°C

Background:

This gene encodes 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. Various versions of each of these subunits exist, either expressed from similar genes or the result of alternative splicing. Research on a highly similar protein in rabbit suggests the protein described in this record is cleaved into alpha-2 and delta subunits. Alternate transcriptional splice variants of this gene have been observed but have not been thoroughly characterized.

Verified picture



Western blot analysis with CACNA2D4
antibody diluted at 1:1000