

## CACNA2D3

**Reactivity:**Human Mouse Rat

**Tested applications:**WB

**Recommended Dilution:**WB 1:1000 - 1:2000

**Calculated MW:**123kDa

**Observed MW:**Refer to figures

**Immunogen:**

Recombinant protein of human CACNA2D3

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

HSA272268;

**Catalog #:**A10315

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**55799

**Isotype:**IgG

**Swiss Prot:**Q81ZS8

**Purity:**Affinity purification

For research use only.

**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.

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