

Cav γ 2 Rabbit pAb Catalog NO.: EA192 For research use only.

Overview

Product name Cav γ 2 Rabbit polyclonal antibody

Source Rabbit

Applications WB, IHC

Species reactivity Human, Rat, Mouse

Recommended dilutions WesternBlot:1/1000-2000

Immunohistochemistry:1/200-500

NOTE: Optimal dilutions should be determined by the end user.

Immunogen Synthetic Peptide

Species Human

Storage PBS with 0.02% sodium azide and 50% glycerol pH 7.4.

Store at -20° C. Avoid repeated freeze-thaw cycles.

Isotype IgG

Clonality Polyclonal

Concentration 1 mg/ml

Observed band 36kDa

GenelD (Human) 10369

Human Swiss-Prot No. Q9Y698

Cellular localization Cell junction, Membrane, Synapse, Synaptosome

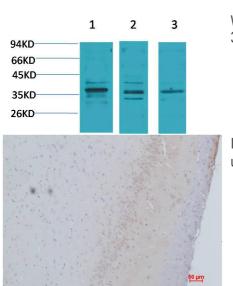
Alternative Names 2 Subunit of Voltage-Gated Ca2+ Channel antibody, Stargazin antibody,

Cacng2 antibody

Background Cav γ 2 regulates the trafficking and gating properties of AMPA-selective

glutamate receptors (AMPARs). Promotes their targeting to the cell membrane and synapses and modulates their gating properties by slowing

their rates of activation, deactivation and desensitization.



Western blot analysis of 1) Human Brain Tissue, 2) Mouse Brain Tissue, 3)Rat Brain Tissue with Cav $\gamma 2$ Rabbit pAb EA192 diluted at 1:2,000.

Immunohistochemical analysis of paraffin-embedded Rat Brain Tissue using Cav $\gamma 2$ (EA192) Rabbit pAb diluted at 1:500.