

CACNA1G polyclonal antibody

Catalog: BS60268

Host: Rabbit

Reactivity: Human

BackGround:

Voltage-dependent Ca²⁺ channels mediate Ca²⁺ entry into excitable cells in response to membrane depolarization, and they are involved in a variety of Ca²⁺-dependent processes, including muscle contraction, hormone or neurotransmitter release and gene expression. Calcium channels are highly diverse, multimeric complexes composed of an alpha-1 subunit, an intracellular beta subunit, a disulfide linked alpha-2/delta subunit and a transmembrane gamma subunit. Ca²⁺ currents are characterized on the basis of their biophysical and pharmacologic properties and include L-, N-, T-, P-, Q-, and R- types. T-type Ca²⁺ currents are activated and inactivated more rapidly and at more negative membrane potentials than other Ca²⁺ current types. T-type Ca²⁺ channels enhance odor sensitivity by lowering the threshold of spike generation in olfactory receptor cells (ORCs).

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 265 kDa

Swiss-Prot:

O43497

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific im-

munogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

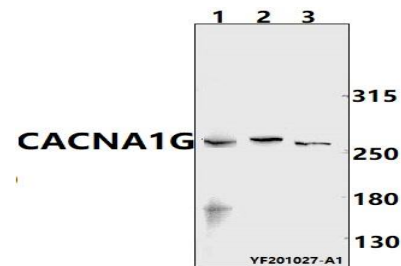
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

CACNA1G polyclonal antibody detects endogenous levels of CACNA1G protein.

DATA:



Western blot (WB) analysis of CACNA1G pAb at 1:500 dilution

Lane1:Myla2059 whole cell lysate(40ug)

Lane2:Hela whole cell lysate(40ug)

Lane3:A549 whole cell lysate(40ug)

Note:

For research use only, not for use in diagnostic procedure.

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