CACNA1G polyclonal antibody

Catalog: BS60268 Host: Rabbit Reactivity: Human,Mouse,Rat

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:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2.

Molecular Weight:

~ 262 kDa

Swiss-Prot:

O43497

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

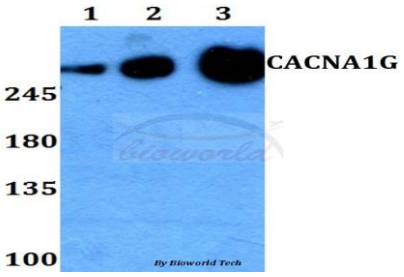
Storage&Stability:

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

Specificity:

CACNA1G polyclonal antibody detects endogenous levels of CACNA1G protein.

DATA:



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

Lane1:HEK293T whole cell lysate

Lane2:Raw264.7 whole cell lysate

Lane3:H9C2 whole cell lysate

Note:

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

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