NCALD polyclonal antibody

Catalog: BS61223 Host: Rabbit Reactivity: Human,Mouse,Rat

BackGround:

This gene encodes a member of the neuronal calcium sensor (NCS) family of calcium-binding proteins. The protein contains an N-terminal myristoylation signal and four EF-hand calcium binding loops. The protein is cytosolic at resting calcium levels; however, elevated intracellular calcium levels induce a conformational change that exposes the myristoyl group, resulting in protein association with membranes and partial co-localization with the perinuclear trans-golgi network. The protein is thought to be a regulator of G protein-coupled receptor signal transduction. Several alternatively spliced variants of this gene have been determined, all of which encode the same protein; additional variants may exist but their biological validity has not been determined. (provided by RefSeq, Jul 2008)

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.3.

Molecular Weight:

~ 22 kDa

Swiss-Prot:

P61601

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

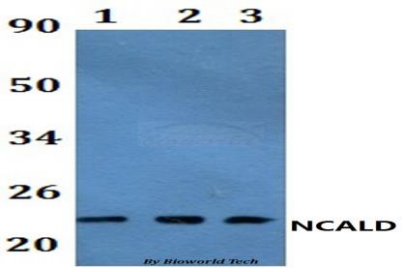
Storage&Stability:

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

Specificity:

NCALD polyclonal antibody detects endogenous levels of NCALD protein.

DATA:



Western blot (WB) analysis of NCALD polyclonal antibody at 1:500 dilution Lane1:HELA whole cell lysate

Lane2:H9C2 whole cell lysate

Lane3:SP20 whole cell lysate

Note:

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

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