

Striatin polyclonal antibody

Catalog: BS70881

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Striatin, SG2NA, and zinedin, the three mammalian members of the striatin family, are multimodular, WD-repeat and calmodulin-binding proteins. Zinedin and SG2NA share with striatin identical protein-protein interaction domains and the same overall domain structure. All three proteins are both cytosolic and membrane-bound and bind calmodulin in the presence of calcium. Striatin is a neuronal, intracellular protein strictly expressed in the somato-dendritic compartment, including spines, subsets of neurons, and is considered as a marker of neuronal polarity. Down-regulation of striatin, which is expressed in a few subsets of neurons, impairs the growth of dendrites as well as rat locomotor activity. Zinedin is mainly expressed in the central nervous system, whereas SG2NA is mainly expressed in the brain and muscle.

Product:

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

Molecular Weight:

~ 120 kDa

Swiss-Prot:

O43815

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 - 1:2000

IHC 1:50 - 1:200

IF 1:50 - 1:100

Storage&Stability:

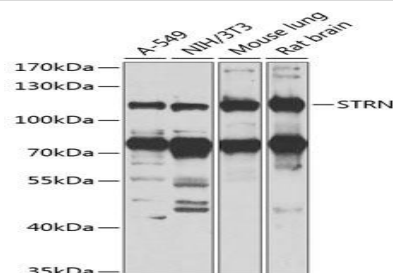
Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

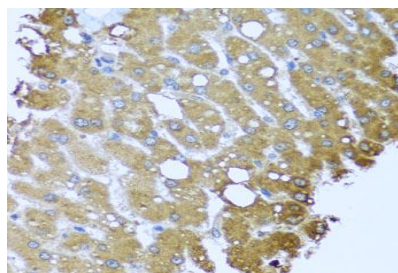
Striatin polyclonal antibody detects endogenous levels of

Striatin protein.

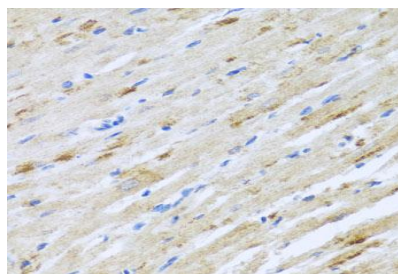
DATA:



Western blot analysis of extracts of various cells, using STRN antibody.



Immunohistochemistry of paraffin-embedded mouse brain using STRN antibody at dilution of 1:100 (x40 lens).



Immunohistochemistry of paraffin-embedded rat heart using STRN antibody at dilution of 1:100 (x40 lens).

Note:

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

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