

Phospho-CRMP2/DPYSL2-T514 polyclonal antibody

Catalog: BS74182

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

This gene encodes a member of the collapsin response mediator protein family. Collapsin response mediator proteins form homo- and hetero-tetramers and facilitate neuron guidance, growth and polarity. The encoded protein promotes microtubule assembly and is required for Sema3A-mediated growth cone collapse, and also plays a role in synaptic signaling through interactions with calcium channels. This gene has been implicated in multiple neurological disorders, and hyperphosphorylation of the encoded protein may play a key role in the development of Alzheimer's disease. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.

Product:

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

Molecular Weight:

69kDa

Swiss-Prot:

Q16555

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

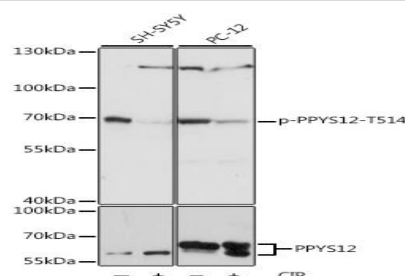
Storage&Stability:

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

Modification:

Phosphorylated

DATA:



Western blot analysis of extracts of various cell lines, using Phospho-CRMP2/DPYSL2-T514 antibody at 1:1000 dilution or CRMP2/DPYSL2 antibody. SH-SY5Y cells were treated by CIP at 37°C for 1 hour. PC-12 cells were treated by CIP at 37°C for 1 hour.
Secondary antibody: HRP Goat Anti-Rabbit IgG at 1:10000 dilution.
Lysates/proteins: 25ug per lane.
Blocking buffer: 3% BSA.
Detection: ECL Basic Kit.
Exposure time: 1s.

Note:

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

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