Product Name: Gephyrin Rabbit Monoclonal Antibody Catalog #: AMRe87803



Summary

Production Name Gephyrin Rabbit Monoclonal Antibody

Description Rabbit Monoclonal antibody

Host Rabbit

Application WB, IHC-P, ICC/IF, FC **Reactivity** Human,Mouse,Rat

Performance

ConjugationUnconjugatedModificationUnmodified

Isotype IgG

Clonality Monoclonal Form Liquid

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

Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide

and 0.05% BSA. Stable for 12 months from date of receipt.

Purification Affinity Purification

Immunogen

Buffer

Gene Name Gephyrin

Alternative Names GPH; GEPH; HKPX1; GPHRYN; MOCODC

Gene ID 10243 **SwissProt ID** Q9NQX3.

Application

Dilution Ratio WB: 1:1000-1:5000 IHC-P: 1:50-1:100 ICC/IF: 1:100 FC: 1:10-1:100

Molecular Weight Calculated MW:80 kDa; Observed MW:93 kDa

Background

This gene encodes a neuronal assembly protein that anchors inhibitory neurotransmitter receptors to the postsynaptic

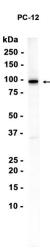
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cytoskeleton via high affinity binding to a receptor subunit domain and tubulin dimers. In nonneuronal tissues, the encoded protein is also required for molybdenum cofactor biosynthesis. Mutations in this gene may be associated with the neurological condition hyperplexia and also lead to molybdenum cofactor deficiency. Numerous alternatively spliced transcript variants encoding different isoforms have been described; however, the full-length nature of all transcript variants is not currently known. [provided by RefSeq, Jul 2008]

Research Area

Image Data



Western blot analysis of extracts from PC-12 cells using AMRe87803 at 1:1000.

Note

For research use only.

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