

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

| | |
|---------------------|---|
| Conjugation | Unconjugated |
| Modification | Unmodified |
| 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. |
| Buffer | 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

| | |
|--------------------------|----------------------------------|
| 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.