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**Product Name: Gephyrin Rabbit Monoclonal Antibody****Catalog #: AMRe03956**

For research use only.

**Summary**

<b>Description</b>	Recombinant rabbit monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC
<b>Reactivity</b>	Human, Mouse, Rat
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Liquid in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% protective protein.
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:1000,IHC 1:50-1:100
<b>Molecular Weight</b>	Calculated MW:80 kDa;Observed MW: 93 kDa

**Antigen Information**

<b>Gene Name</b>	GPHN
<b>Alternative Names</b>	Domain E; Domain G; GEPH; GPH; GPHN; GPHRYN
<b>Gene ID</b>	10243
<b>SwissProt ID</b>	Q9NQX3
<b>Immunogen</b>	A synthetic peptide of human Gephyrin

**Background**

Microtubule-associated protein involved in membrane protein-cytoskeleton interactions. It is thought to anchor the inhibitory glycine receptor (GLYR) to subsynaptic microtubules (By similarity). Catalyzes two steps in the biosynthesis of the molybdenum

cofactor.

## Research Area

Neuroscience

## Image Data

Western blot analysis of Gephyrin in 293T lysates using Gephyrin antibody.

