

RecomAb™

GPHN recombinant monoclonal antibody, clone R06-8G4

Catalog # RAB05245 Size 100 uL

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human Gephyrin.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant protein corresponding to human Gephyrin
Theoretical MW (kDa)	Calculated MW: 80 kD
Reactivity	Human
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Immunofluorescence (1/50-1/200) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)(1/50-1/100) Western Blot (1/500-1/1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, 150 mM NaCl, pH 7.4 (50% glycerol and 0.02% Sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot
- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

- Immunocytochemistry
- Immunofluorescence

Gene Info — GPHN

Entrez GeneID [10243](#)

Gene Name GPHN

Gene Alias GEPH, GPH, GPHRYN, KIAA1385

Gene Description gephyrin

Omim ID [149400](#) [252150](#) [603930](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a neuronal assembly protein that anchors inhibitory neurotransmitter receptors to the postsynaptic 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 bio synthesis. 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]

Other Designations OTTHUMP00000028393

Disease

- [Anorexia Nervosa](#)
- [Bulimia](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Disease Models](#)
- [Dyskinesia](#)
- [Edema](#)
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- [Schizophrenia](#)
- [Tobacco Use Disorder](#)