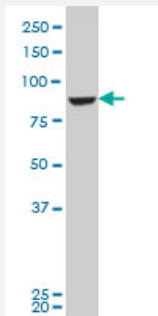


GPHN polyclonal antibody (A01)

Catalog # H00010243-A01

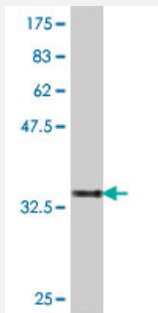
Size 50 uL

Applications



Western Blot (Cell lysate)

GPHN polyclonal antibody (A01), Lot # 060118JC01 Western Blot analysis of GPHN expression in Jurkat (Cat # L017V1).



Western Blot detection against Immunogen (36.34 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant GPHN.
Immunogen	GPHN (NP_065857, 677 a.a. ~ 769 a.a) partial recombinant protein with GST tag.
Sequence	RKMQGILDPRPTIIKARLSCDVKLDPRPEYHRCILTWHHQEPLPWAQSTGNQMSSRLMSMR SANG LLMLPPKTEQYVELHKGEVVDVMVIGRL
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (98); Rat (95)

Quality Control Testing

Antibody Reactive Against Recombinant Protein.
Western Blot detection against Immunogen (36.34 KDa) .

Storage Buffer

50 % glycerol

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

GPHN polyclonal antibody (A01), Lot # 060118JC01 Western Blot analysis of GPHN expression in Jurkat (Cat # L017V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — GPHN

Entrez GeneID

[10243](#)

GeneBank Accession#

[NM_020806](#)

Protein Accession#

[NP_065857](#)

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 variant s 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](#)
- [Genetic Predisposition to Disease](#)
- [Schizophrenia](#)
- [Tobacco Use Disorder](#)