Rabbit Gephyrin Monoclonal Antibody | anti-GPHN antibody

Gephyrin Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA312647	**Rabbit**	**Human, Mouse, Rat**	**Immunohistochemistry, Western Blot**

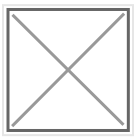
PRODUCT SYNONYMS

Gephyrin; Monoclonal Antibody; Gephyrin Antibody; Domain E antibody; Domain G antibody; GEPH antibody; GEPH_HUMAN antibody; GPH antibody; GPHN antibody; GPHRYN antibody; KIAA1385 antibody; Molybdopterin molybdenumtransferase antibody; MPT adenylyltransferase antibody; MPT Mo-transferase antibody; anti-GPHN antibody

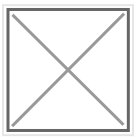
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Clone Number	JG34-47
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-GPHN antibody	IHC (Immunohistochemistry), WB (Western Blot)
Antibody Type	Recombinant Antibody
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



IHC (Immunohistochemisry)
Immunohistochemical analysis of paraffin-embedded mouse brain tissue using anti-Gephyrin antibody. Counter stained with hematoxylin. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH6) for 20 mins.



IHC (Immunohiostchemistry)
Immunohistochemical analysis of paraffin-embedded human kidney tissue using anti-Gephyrin antibody. Counter stained with hematoxylin. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH6) for 20 mins.



WB (Western Blot)
Western blot analysis of Gephyrin on SK-Br-3 cell (1) and rat kidney tissue (2) lysate using anti-Gephyrin antibody at 1/500 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-GPHN antibody	The sub-membraneous region at the postsynaptic membrane contains a number of proteins critical for receptor targeting. Gephyrin is a microtubule-associated protein highly expressed in brain and localized to neuronal postsynaptic membranes. Gephyrin is essential for the postsynaptic localization of the inhibitory glycine receptor and is thought to anchor the receptor to subsynaptic microtubules. The protein is expressed in most mammalian tissues with predominant expression in brain. At least five additional splice variants of Gephyrin ranging in molecular weight have been identified in rat and human brain tissue.
Product Categories/Family for anti-GPHN antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	8926308
NCBI GeneID	10243
UniProt Accession #	Q9NQX3; Q96KU4; Q9H4E9; Q9P2G2
Molecular Weight	83,448 Da
NCBI Official Full Name	gephyrin
NCBI Official Synonym Full Names	gephyrin
NCBI Official Symbol	GPHN
NCBI Official Synonym Symbols	GPH; GEPH; HKPX1; GPHRYN; MOCODC
NCBI Protein Information	gephyrin
UniProt Protein Name	Gephyrin
UniProt Gene Name	**GPHN**
UniProt Synonym Gene Names	MPT adenylyltransferase; MPT Mo-transferase

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/monoclonal/gephyrin-antibody-clone-jg34-47-immunohistochemistry-western-blot-elisa/312647