

Rabbit anti-Human Gephyrin Polyclonal Antibody | anti-GPHN antibody

Rabbit anti-Gephyrin Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA212570	Rabbit	Human	Immunoprecipitation, Western Blot

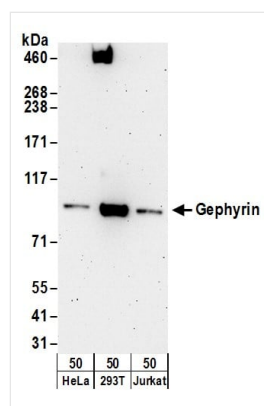
PRODUCT SYNONYMS

Gephyrin; Polyclonal Antibody; Rabbit anti-Gephyrin Antibody; Affinity Purified; MOCODC; Molybdopterin molybdenumtransferase (MPT Mo-transferase); HKPX1; GPHRYN; gephyrin; GEPH; Domain E; Domain G; MPT adenyltransferase; GPH; anti-GPHN antibody

PRODUCT SPECIFICATIONS

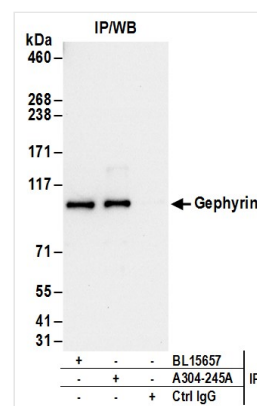
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-GPHN antibody	IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Mouse, Rat, Chicken
Immunogen	Between 250 and 300
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human Gephyrin by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, and Jurkat cells. Antibodies: Affinity purified rabbit anti-Gephyrin antibody AAA212570 (lot AAA212570-1) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



IP (Immunoprecipitation)

Detection of human Gephyrin by western blot of immunoprecipitates. Samples: Whole cell lysate (1 mg for IP; 20% of IP loaded) from 293T cells. Antibodies: Affinity purified rabbit anti-Gephyrin antibody AAA212570 (lot AAA212570-1) used for IP at 6 ug/mg lysate. Gephyrin was also immunoprecipitated by rabbit anti-Gephyrin antibody BL15657. For blotting immunoprecipitated Gephyrin, AAA212570 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-GPHN antibody	Gephyrin is a microtubule-associated protein involved in membrane protein-cytoskeleton interactions. It is thought to anchor the inhibitory glycine receptor (GLYR) to subsynaptic microtubules (By similarity). Gephyrin catalyzes two steps in the biosynthesis of the molybdenum cofactor. In the first step, molybdopterin is adenylated. Subsequently, molybdate is inserted into adenylated molybdopterin and AMP is release [taken from the Universal Protein Resource (UniProt) www.uniprot.org/uniprot/Q9NQX3].
Product Categories/Family for anti-GPHN antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GeneID	10243
UniProt Accession #	Q9NQX3
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/gephyrin-antibody-immunoprecipitation-western-blot-elisa/212570>