

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

GPHN Antibody

CATALOG # AAA234777	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA
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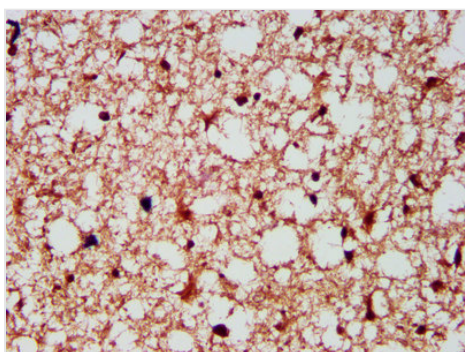
PRODUCT SYNONYMS

GPHN; Polyclonal Antibody; GPHN Antibody; Gephyrin; Domain G; Molybdopterin molybdenumtransferase; anti-GPHN antibody

PRODUCT SPECIFICATIONS

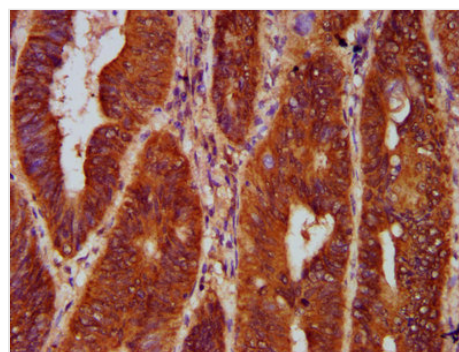
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	736
Applicable Applications for anti-GPHN antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Human Gephyrin protein (360-460AA)
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IHC (Immunohistochemistry)

IHC image of AAA234777 diluted at 1:300 and staining in paraffin-embedded human brain tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



IHC (Immunohistochemistry)

IHC image of AAA234777 diluted at 1:300 and staining in paraffin-embedded human colon cancer performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

ADDITIONAL INFORMATION

Related Product Information for anti-GPHN antibody	Microtubule-associated protein involved in membrane protein-cytoskeleton interactions. It is thought to anchor the inhibitory glycine receptor (GLYR) to subsynaptic microtubules. 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 released.
Product Categories/Family for anti-GPHN antibody	Neuroscience

NCBI AND UNIPROT INFORMATION

NCBI GI #	66932975
NCBI GeneID	10243
NCBI Accession #	NP_001019389.1
NCBI GenBank Nucleotide #	NM_001024218.1
UniProt Accession #	Q9NQX3; Q96KU4; Q9H4E9; Q9P2G2
Molecular Weight	83,448 Da
NCBI Official Full Name	gephyrin isoform 2
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 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/gphn-antibody-immunohistochemistry-elisa/234777>