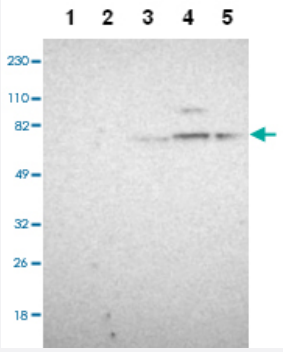
GPHN polyclonal antibody

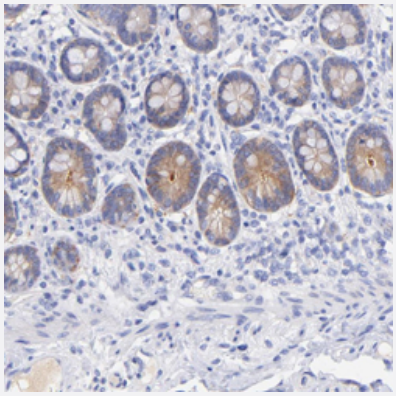
Catalog # PAB28735 Size 100 uL

Applications



Western Blot

Western blot analysis of Lane 1: Human cell line RT-4, Lane 2: Human cell line U-251MG sp, Lane 3: Human plasma (IgG/HSA depleted), Lane 4: Human liver tissue, Lane 5: Human tonsil tissue with GPHN polyclonal antibody (Cat # PAB28735).



Immunohistochemistry

Immunohistochemical staining of human small intestine with GPHN polyclonal antibody (Cat # PAB28735) shows cytoplasmic positivity in glandular cells.

Specification

Product Description	Rabbit polyclonal antibody raised against recombinant GPHN.
Immunogen	Recombinant protein corresponding to amino acids of human GPHN.
Sequence	ATIQEHGYPTINLGIVGDNPDDLLNALNEGISRADVIITSGGVSMGEKDYLKQVLDIDLHAQIHFGRVF MKPGLPTTFATLDIDGVRKIIFALPGNPVSAVVTCNLFVVPALRKMQGILDPRPTIIKARLSCDVKLD PRPEY
Host	Rabbit
Reactivity	Human

Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:20-1:50) Western Blot (1:100 - 1:250) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 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 shoul d be handled by trained staff only.

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- Western Blot

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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 a nd 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