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Datasheet for ABIN6741117  
**anti-Gephyrin antibody (AA 180-229)**

1 Image

### Overview

Quantity:	100 µL
Target:	Gephyrin (GPHN)
Binding Specificity:	AA 180-229
Reactivity:	Human, Mouse, Rat, Monkey, Rabbit, Cow, Dog, Guinea Pig, Horse, Xenopus laevis, Chicken, Bat, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Gephyrin antibody is un-conjugated
Application:	Western Blotting (WB)

### Product Details

Immunogen:	Synthetic peptide located between aa180-229 of human GPHN (Q9NQX3, NP_001019389). Percent identity by BLAST analysis: Human, Chimpanzee, Gorilla, Orangutan, Gibbon, Monkey, Galago, Marmoset, Mouse, Rat, Elephant, Dog, Bovine, Bat, Rabbit, Horse, Pig, Opossum, Guinea pig, Turkey, Zebra finch, Chicken, Platypus, Xenopus (100%).  Type of Immunogen: Synthetic peptide
Isotype:	IgG
Specificity:	Human GPHN / Gephyrin
Predicted Reactivity:	Percent identity by BLAST analysis: Human, Mouse, Rat, Dog, Bovine, Rabbit, Horse, Pig, Guinea pig, Chicken, Xenopus (100%).

## Product Details

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Purification: Immunoaffinity purified

## Target Details

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Target: Gephyrin (GPHN)

Alternative Name: Gephyrin ([GPHN Products](#))

Background: Name/Gene ID: GPHN

Synonyms: GPHN, Gephyrin, KIAA1385, GEPH, GPH, GPHRYN, HKPX1, MOCODC

Gene ID: 10243

NCBI Accession: [NP\\_001019389](#)

Pathways: [Synaptic Membrane](#), [Skeletal Muscle Fiber Development](#)

## Application Details

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Application Notes: Approved: WB (0.2 - 1 µg/mL)

Usage: Western Blot: Suggested dilution at 1 µg/mL in 5 % skim milk / PBS buffer, and HRP conjugated anti-Rabbit IgG should be diluted in 1: 50,000 - 100,000 as second antibody. ELISA titer in peptide based assay: 1:1562500.

Comment: Target Species of Antibody: Human

Restrictions: For Research Use only

## Handling

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Format: Lyophilized

Reconstitution: Distilled water

Concentration: Lot specific

Buffer: Lyophilized from PBS with 2 % sucrose

Storage: 4 °C, -20 °C

Storage Comment: Long term: -20°C, the use of 50% glycerol is recommended if storing aliquots in -20°C for long term use (up to 1 year)

Short term (less than 1 week): 4°C. Avoid freeze-thaw cycles.



**Image 1.**