

Datasheet for ABIN7450279

anti-Gephyrin antibody (AA 250-300)[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	Gephyrin (GPHN)
Binding Specificity:	AA 250-300
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Gephyrin antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP)

Product Details

Purpose:	Rabbit anti-Gephyrin Antibody, Affinity Purified
Immunogen:	Between AA 250 and 300
Isotype:	IgG
Predicted Reactivity:	Mouse,Rat,Chicken
Purification:	Affinity Purified

Target Details

Target:	Gephyrin (GPHN)
Alternative Name:	Gephyrin (GPHN Products)
Background:	Background: Gephyrin is a microtubule-associated protein involved in membrane protein-

Target Details

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) Q9NQX3].

Gene ID:	10243
NCBI Accession:	NP_001019389
UniProt:	Q9NQX3
Pathways:	Synaptic Membrane, Skeletal Muscle Fiber Development

Application Details

Application Notes:	IP: 2 - 10 µg/mg lysate WB: 1:2,000 - 1:10,000
Restrictions:	For Research Use only

Handling

Concentration:	1000 µg/mL
Buffer:	Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09 % Sodium Azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C
Expiry Date:	12 months