

Nur für Forschungszwecke

GPHN Monoklonaler Antikörper

Katalog-Nr.:67995-1-Ig



Allgemeine Informationen

Katalog-Nr.: 67995-1-Ig	GenBank-Zugangsnummer: BC030016	Reinigungsmethode: Protein-G-Reinigung
Größe: 150ul , Konzentration: 1000 µg/ml von10243 Nanodrop;	GeneID (NCBI): 10243	CloneNo.: 1D7C4
Wirt: Maus	Vollständiger Name: gephyrin	Empfohlene Verdünnungen: WB 1:5000-1:50000
Isotyp: IgG1	Berechnete Masse: 769 aa, 83 kDa	
Immunogen Katalognummer: AG23708	Beobachtete Masse: 93 kDa	

Anwendungen

Geprüfte Anwendungen: WB, ELISA	Positivkontrollen: WB : A549-Zellen, HEK-293-Zellen, HeLa-Zellen, Jurkat-Zellen, LNCaP-Zellen
Getestete Reaktivität: Human	

Hintergrundinformationen

Gephyrin (GPHN) is an organizational protein that clusters and localizes the inhibitory glycine receptor (GlyR) and GABAA receptors to the microtubular matrix of the neuronal postsynaptic membrane. Mice deficient in gephyrin develop a hereditary molybdenum cofactor deficiency and a neurological phenotype that mimics startle disease (hyperekplexia). In non-neuronal tissues, the encoded protein is also required for molybdenum cofactor biosynthesis. Two isoforms produced by alternative splicing have been described. The observed MW of Gephyrin is 93 kDa, larger than the predicted of 83 kDa, which may be due to the modifications on various phosphorylation sites.

Lagerung

Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

***** 20ul-Größen enthalten 0.1% BSA**

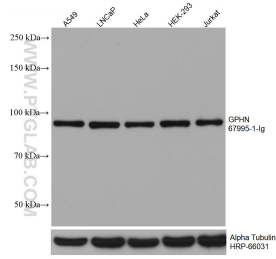
For technical support and original validation data for this product please contact:

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Ausgewählte Validierungsdaten



Various lysates were subjected to SDS PAGE followed by western blot with 67995-1-Ig (GPHN antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated Alpha Tubulin Monoclonal antibody (HRP-66031) as loading control.