

Product Information

Size:

50ul

Reactivity:

Human, Mouse, Rat

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, WB

Recommended dilutions:

ELISA:1:2000-1:5000, WB:1:500-1:2000

Protein Background:

Sequence-specific RNA-binding protein which acts as a translational repressor in the basal unstimulated state but, following neuronal stimulation, acts as a translational activator. In contrast to CPEB1, does not bind to the cytoplasmic polyadenylation element (CPE), a uridine-rich sequence element within the mRNA 3'-UTR, but binds to a U-rich loop within a stem-loop structure. Required for the consolidation and maintenance of hippocampal-based long term memory. In the basal state, binds to the mRNA 3'-UTR of the glutamate receptors GRIA2/GLUR2 mRNA and negatively regulates their translation. Also represses the translation of DLG4, GRIN1, GRIN2A and GRIN2B. When activated, acts as a translational activator of GRIA1 and GRIA2. In the basal state, suppresses SUMO2 translation but activates it following neuronal stimulation.

Gene ID:

NUP98

Uniprot

P52948

Synonyms:

nucleoporin 98kDa

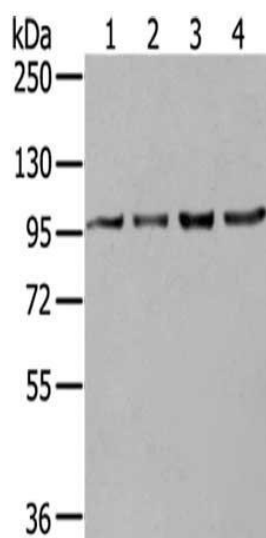
Immunogen:

Synthetic peptide of human NUP98.

Storage:

-20° C, pH7.4 PBS, 0.05% NaN3, 40% Glycerol

Product Images



Gel: 6%SDS-PAGE, Lysate: 40 ug, Lane 1-4: K562 cells, 293T cells, 231 cells, Hela cells, Primary antibody: PACO20836(NUP98 Antibody) at dilution 1/550 dilution, Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 1 minute.