For Research Use Only

NEPRO Polyclonal antibody, PBS Only

Catalog Number:33450-1-PBS

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Basic Information

Catalog Number:
33450-1-PBS

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG38276

GenBank Accession Number:
NM_015412.3

GeneID (NCBI):
25871

UNIPROT ID:
Q6NW34

Full Name:
chromosome 3 open reading frame 17

Calculated MW:
65kDa，567aa

Observed MW:
58 kDa

Purification Method:
Antigen affinity Purification

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human

Background Information

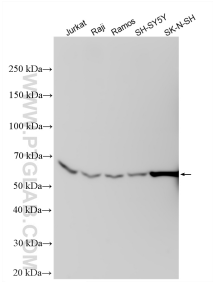
The NEPRO protein (full name: Nucleolus and Neural Progenitor Protein) belongs to the NEPRO family and is primarily localized in the nucleolus. Its core function is to serve as a key downstream factor of the Notch signaling pathway during cerebral cortex development, where it maintains the stemness of neural progenitor cells by inhibiting their differentiation into neurons, thereby ensuring normal development of the nervous system. Additionally, this protein also plays an indispensable role during pre-implantation embryonic development in mice (PMID: 26178919).

Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C
Storage Buffer:
PBS only, pH7.3

For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 33450-1-AP (NEPRO antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 33450-1-PBS in a different storage buffer formulation.