

For Research Use Only

NEURL4 Polyclonal antibody

Catalog Number: 55345-1-AP



Basic Information

Catalog Number:

55345-1-AP

Size:

500 ug/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_032442

GeneID (NCBI):

84461

UNIPROT ID:

Q96JN8

Full Name:

neuralized homolog 4 (Drosophila)

Calculated MW:

167 kDa

Observed MW:

166 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:4000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : HEK-293 cells, HeLa cells, NCI-H1299 cells, U2OS cells

Background Information

NEURL4, also known as KIAA1787, has 6 highly conserved neuralized homology repeats (NHRs), which are thought to mediate protein-protein interactions. NEURL4 localizes to the daughter centriole and prevents formation of ectopic microtubule-organizing centers. NEURL4 promotes CCP110 ubiquitination and proteasome-dependent degradation, maintaining normal centrosomal homeostasis and preventing the formation of abnormal microtubule tissue centers (MTOCs) by countering CP110 accumulation (PMID: 22441691, 22261722).

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

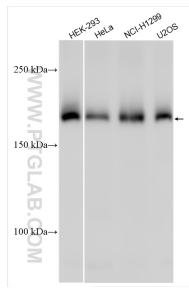
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 55345-1-AP (NEURL4 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.