

For Research Use Only

# NEURL4 Polyclonal antibody

Catalog Number: 55345-1-AP



## Basic Information

Catalog Number:

55345-1-AP

Size:

150ul, Concentration: 500 ug/ml by Nanodrop;

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

\*\*\* 20ul sizes contain 0.1% BSA

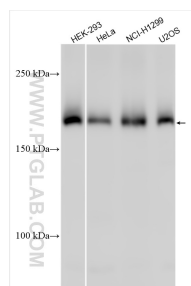
For technical support and original validation data for this product please contact:

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## 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.