

For Research Use Only

# LIN9 Polyclonal antibody

Catalog Number: 17882-1-AP

7 Publications



## Basic Information

Catalog Number:

17882-1-AP

Size:

150ul, Concentration: 700 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG11889

GenBank Accession Number:

BC045625

GeneID (NCBI):

286826

UNIPROT ID:

Q5TKA1

Full Name:

lin-9 homolog (C. elegans)

Calculated MW:

558 aa, 64 kDa

Observed MW:

55-65 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:6000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

## Applications

Tested Applications:

WB, IP, ELISA

Cited Applications:

WB, IF, CoIP

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse

Positive Controls:

WB : MDA-MB-231 cells, NIH/3T3 cells, mouse testis tissue, rat testis tissue

IP : HEK-293 cells,

## Background Information

LIN9, also named as BARA or TGS, is a 542 amino acid protein, which belongs to the lin9 family. LIN9 localizes in the nucleus and is expressed in thymus and testis. LIN9 acts as a tumor suppressor and inhibits DNA synthesis. LIN9 plays a role in the expression of genes, which required for the G1/S transition.

## Notable Publications

Author	Pubmed ID	Journal	Application
Hongna Lai	31420851	Sci China Life Sci	WB
Liangxia Jiang	39341834	Cell Death Discov	WB, CoIP
Qinghui Kan	39334121	J Transl Med	WB

## 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

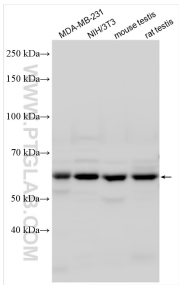
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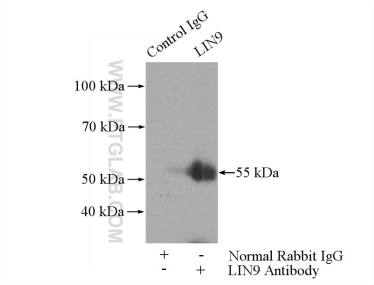
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 17882-1-AP (LIN9 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



IP result of anti-LIN9 (IP:17882-1-AP, 4ug; Detection:17882-1-AP 1:1000) with HEK-293 cells lysate 1100ug.