

# NPLOC4 Rabbit pAb

Catalog No.: A3256

1 Publications

## Basic Information

### Observed MW

70kDa

### Calculated MW

68kDa

### Category

Primary antibody

### Applications

ELISA,WB,IF/ICC

### Cross-Reactivity

Human, Mouse, Rat

## Background

Predicted to enable ATPase binding activity; ubiquitin binding activity; and ubiquitin protein ligase binding activity. Predicted to contribute to K48-linked polyubiquitin modification-dependent protein binding activity and K63-linked polyubiquitin modification-dependent protein binding activity. Involved in negative regulation of RIG-I signaling pathway; negative regulation of type I interferon production; and proteolysis involved in cellular protein catabolic process. Located in nucleus. Part of UFD1-NPL4 complex and VCP-NPL4-UFD1 AAA ATPase complex.

## Recommended Dilutions

WB 1:1000 - 1:2000

IF/ICC 1:50 - 1:200

## Immunogen Information

### Gene ID

55666

### Swiss Prot

Q8TAT6

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-270 of human NPLOC4 (NP\_060391.2).

### Synonyms

NPL4; NPLOC4

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

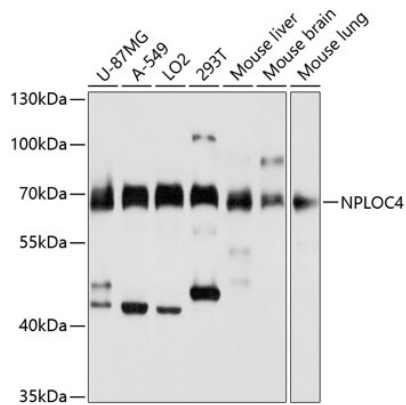
Affinity purification

### Storage

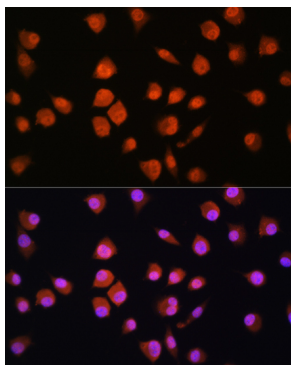
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

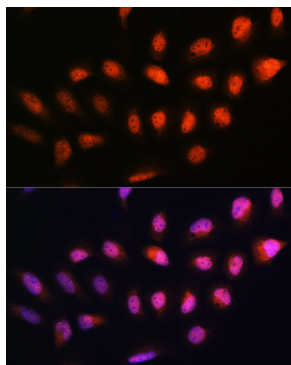
## Validation Data



Western blot analysis of extracts of various cell lines, using NPLOC4 antibody (A3256) at 1:3000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 10s.



Immunofluorescence analysis of L929 cells using NPLOC4 Rabbit pAb (A3256) at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of U2OS cells using NPLOC4 Rabbit pAb (A3256) at dilution of 1:100. Blue: DAPI for nuclear staining.