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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

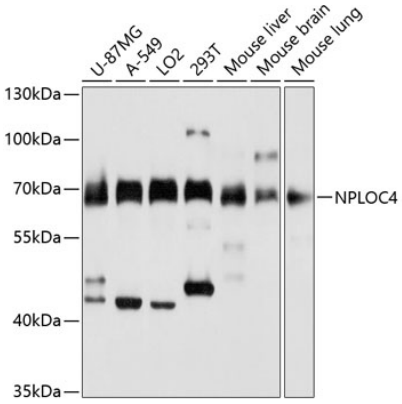
Source
Rabbit

Isotype
IgG

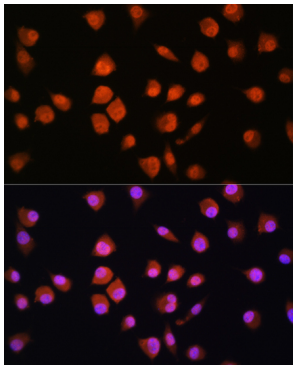
Purification
Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

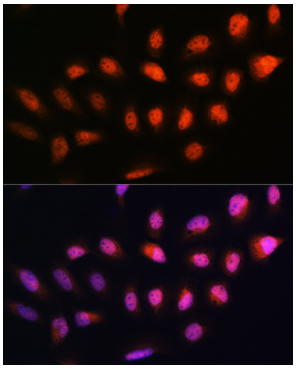
Validation Data



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.