

NPLOC4 Polyclonal Antibody

Catalog No: #30436



Package Size: #30436-1 50ul #30436-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

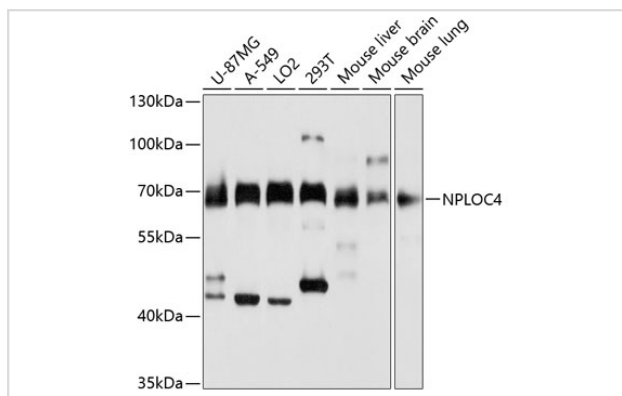
Description

Product Name	NPLOC4 Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IF
Species Reactivity	Human,Mouse,Rat
Immunogen Description	Recombinant fusion protein of human NPLOC4 (NP_060391.2).
Other Names	NPLOC4;NPL4;NPL4 homolog
Accession No.	Uniprot:Q8TAT6GeneID:55666
Calculated MW	70kDa
SDS-PAGE MW	70kDa
Formulation	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

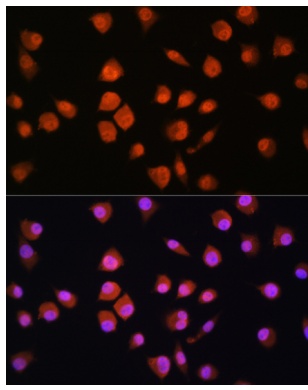
Application Details

WB □ 1:1000 - 1:2000 IF □ 1:50 - 1:200

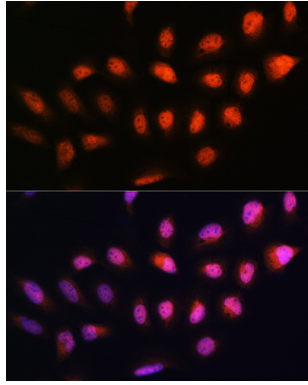
Images



Western blot analysis of extracts of various cell lines, using NPLOC4 antibody.



Immunofluorescence analysis of L929 cells using NPLOC4 Rabbit pAb.



Immunofluorescence analysis of U2OS cells using NPLOC4 Rabbit pAb.

Background

The ternary complex containing UFD1, VCP and NPLOC4 binds ubiquitinated proteins and is necessary for the export of misfolded proteins from the ER to the cytoplasm, where they are degraded by the proteasome. The NPLOC4-UFD1-VCP complex regulates spindle disassembly at the end of mitosis and is necessary for the formation of a closed nuclear envelope (By similarity. Acts as a negative regulator of type I interferon production via the complex formed with VCP and UFD1, which binds to DDX58/RIG-I and recruits RNF125 to promote ubiquitination and degradation of DDX58/RIG-I.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.