

## Product datasheet for **TA379258S**

### **NPL4 (NPLOC4) Rabbit Polyclonal Antibody**

#### **Product data:**

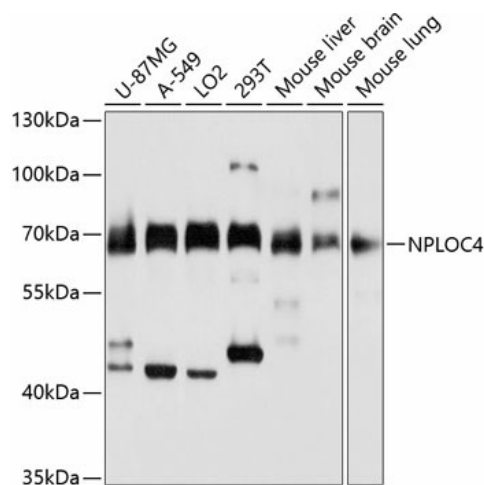
Product Type:	Primary Antibodies
Applications:	ELISA, ICC/IF, WB
Recommended Dilution:	WB, 1:1000 - 1:2000 IF/ICC, 1:50 - 1:200 ELISA, Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Reactivity:	Human, Mouse, Rat
Modifications:	Unmodified
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Formulation:	Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.
Concentration:	lot specific
Purification:	Affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C. Avoid freeze / thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	68kDa
Gene Name:	NPL4 homolog, ubiquitin recognition factor
Database Link:	<a href="#">Entrez Gene 55666 Human</a> <a href="#">Q8TAT6</a>
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.



[View online »](#)

**Synonyms:** FLJ20657; FLJ23742; KIAA1499; NPL4

## Product images:



Western blot analysis of various lysates using NPLOC4 Rabbit pAb ([TA379258]) at 1:3000 dilution.

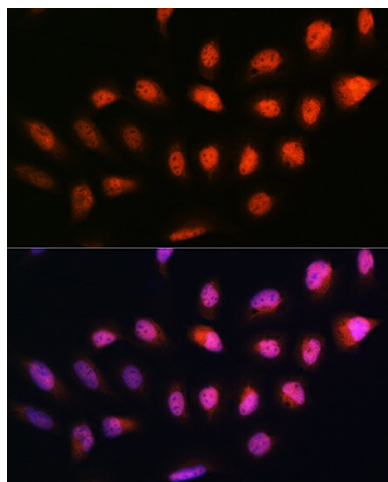
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

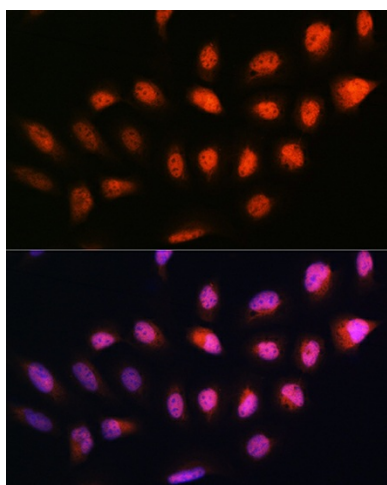
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 10s.



Immunofluorescence analysis of L929 cells using NPLOC4 Rabbit pAb ([TA379258]) at dilution of 1:100. Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of U2OS cells using NPLOC4 Rabbit pAb ([TA379258]) at dilution of 1:100. Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.