

Nploc4 Antibody - N-terminal region

Rabbit Polyclonal Antibody

Catalog # AI14808

Product Information

Application	WB
Primary Accession	P60670
Other Accession	NM_001195023 , NP_001181952
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Dog, Guinea Pig, Horse, Bovine
Predicted	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Dog, Guinea Pig, Horse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	68017

Additional Information

Gene ID	217365
Alias Symbol	AK129375, Npl4, mKIAA1499
Other Names	Nuclear protein localization protein 4 homolog, Protein NPL4, Nploc4, Kiaa1499, Npl4
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-Nploc4 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	Nploc4 Antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	Nploc4
Synonyms	Kiaa1499, Npl4
Function	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 RIGI and recruits RNF125 to promote ubiquitination and degradation of RIGI (By similarity).

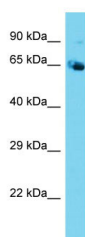
Cellular Location

Cytoplasm, cytosol {ECO:0000250|UniProtKB:Q9ES54}. Endoplasmic reticulum {ECO:0000250|UniProtKB:Q9ES54}. Nucleus {ECO:0000250|UniProtKB:Q9ES54} Note=Associated with the endoplasmic reticulum and nuclear {ECO:0000250|UniProtKB:Q9ES54}

References

Okazaki N.,et al.DNA Res. 10:167-180(2003).
Church D.M.,et al.PLoS Biol. 7:E1000112-E1000112(2009).
Park J.,et al.Mol. Cell 50:919-930(2013).

Images



Host: Rabbit
Target Name: Nploc4
Sample Tissue: Mouse Testis lysates
Antibody Dilution: 1.0µg/ml

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.