

Datasheet for ABIN2789102
anti-NPLOC4 antibody (N-Term)



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1 Image

Overview

Quantity:	100 µL
Target:	NPLOC4
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Horse, Rabbit, Zebrafish (Danio rerio), Cow, Dog, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NPLOC4 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N-terminal region of Mouse Nploc4
Sequence:	GLKAFGAPNV VEDEIDQYLS KQDGKIYRSR DPQLCRHGPL GKCVCVHCVPLE
Predicted Reactivity:	Cow: 93%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 93%, Rat: 100%, Zebrafish: 86%
Characteristics:	This is a rabbit polyclonal antibody against Nploc4. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	NPLOC4
Alternative Name:	Nploc4 (NPLOC4 Products)

Target Details

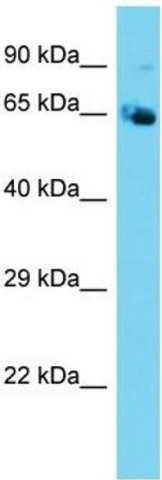
Background:	<p>The ternary complex containing UFD1L, VCP and NPLOC4 binds ubiquitinated proteins and is necessary for the export of misfolded proteins from the ER to the cytoplasm, where they are degraded by the proteasome. The NPLOC4-UFD1L-VCP complex regulates spindle disassembly at the end of mitosis and is necessary for the formation of a closed nuclear envelope.</p> <p>Alias Symbols: AK129375, Npl4, mKIAA1499</p> <p>Protein Interaction Partner: Map3k1, Vcp, Ubc, Itpr1,</p> <p>Protein Size: 608</p>
Molecular Weight:	66 kDa
Gene ID:	217365
NCBI Accession:	NM_001195023 , NP_001181952
UniProt:	P60670

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 608 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



Western Blotting

Image 1. Host: Rabbit

Target Name: Nploc4

Sample Tissue: Mouse Testis lysates

Antibody Dilution: 1.0 µg/mL