

## NPL4 rabbit pAb antibody

Catalog No :	Source:	Concentration :	Mol.Wt. (Da):
A18533	Rabbit	1 mg/ml	

<b>Applications</b>	WB,ELISA
<b>Reactivity</b>	Human,Rat,Mouse
<b>Dilution</b>	WB 1:500-2000 ELISA 1:5000-20000
<b>Storage</b>	-20°C/1 year
<b>Specificity</b>	NPL4 Polyclonal Antibody detects endogenous levels of protein.
<b>Source / Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Immunogen</b>	Synthesized peptide derived from human protein . at AA range: 270-350
<b>Uniprot No</b>	Q8TAT6
<b>Alternative names</b>	
<b>Form</b>	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG
<b>Conjugation</b>	
<b>Background</b>	domain:Binds ubiquitinated proteins via its RanBP2-type zinc finger.,function: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.,pathway:Protein degradation; proteasomal ubiquitin-dependent pathway.,similarity:Belongs to the NPL4 family.,similarity:Contains 1 RanBP2-type zinc finger.,subcellular location:Associated with the endoplasmic reticulum and nuclear.,subunit:Heterodimer with UFD1L. The heterodimer binds ubiquitinated proteins. The heterodimer binds to VCP and inhibits Golgi membrane fusion.,tissue specificity:Expressed at highest levels in brain, heart, skeletal muscle, kidney and fetal liver.,
<b>Other</b>	NPLOC4 KIAA1499 NPL4, Nuclear protein localization protein 4 homolog (Protein NPL4)

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**Product Images:****Application Key:**

WB-Western IP-Immunoprecipitation IHC-Immunohistochemistry CHIP-Chromatin Immunoprecipitation  
IF-Immunofluorescence F-Flow Cytometry E-P-ELISA-Peptide

**Species Cross-Reactivity Key:**

H-Human M-Mouse R-Rat Hm-Hamster Mk-Monkey Vir-Virus Mi-Mink C-Chicken Dm-D. melanogaster  
X-Xenopus Z-Zebrafish B-Bovine Dg-Dog Pg-Pig Sc-S. cerevisiae Ce-C. elegans Hr-Horse All-All  
Species Expected

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**Regulatory Disclaimer**

*For life science research only. Not for use in diagnostic procedures.*

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