

NPL4 Polyclonal Antibody

Cat No: HR1AP11055

For research use only

Overview

Product Name	NPL4 Polyclonal Antibody
Source	Rabbit
Applications	WB,ELISA
Species Reactivity	Human,Rat,Mouse
Recommended Dilutions	
Immunogen	
Species	Rabbit
Storage	-20°C/1 year
Isotype	
Clonality	
Concentration	1 mg/ml
Observed band	66kDa
GeneID?Human?	NPLOC4 KIAA1499 NPL4
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	
Background	<p>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.,</p>