

NPL4 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP11984
Host	Rabbit
Isotype	IgG
Size	100ul, 50ul, 20ul
Immunogen	Synthesized peptide derived from human protein . at AA range: 270-350
Mol wt	N/A
Species reactivity	Human, Rat, Mouse
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	Nuclear protein localization protein 4 homolog
Synonyms	Nuclear protein localization protein 4 homolog ;Protein NPL4

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

Binds ubiquitinated proteins via its RanBP2-type zinc finger.,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.,Belongs to the NPL4 family.,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.,

Recommended Dilution

WB: 1: 500 - 1: 2000

ELISA: 1: 5000 - 1: 20000

Not yet tested in other applications.

Images

No images.

Storage

-20°C for 1 year