



# UBXN4 Polyclonal Antibody

<b>Catalog No</b>	BYab-06372
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Rat;Mouse
<b>Applications</b>	WB;ELISA
<b>Gene Name</b>	UBXN4 KIAA0242 UBXD2 UBXDC1
<b>Protein Name</b>	UBX domain-containing protein 4 (Erasin) (UBX domain-containing protein 2)
<b>Immunogen</b>	Synthesized peptide derived from part region of human protein
<b>Specificity</b>	UBXN4 Polyclonal Antibody detects endogenous levels of protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
<b>Source</b>	Polyclonal, Rabbit,IgG
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB 1:500-2000 ELISA 1:5000-20000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	
<b>Observed Band</b>	55kD
<b>Cell Pathway</b>	Endoplasmic reticulum membrane ; Peripheral membrane protein . Nucleus envelope . Both the N- and the C-terminus face the cytosol. Also found in the nucleus envelope contiguous to the ER. .
<b>Tissue Specificity</b>	Expressed in many tissues, including heart, brain, placenta, lung, liver, skeletal muscle, kidney and pancreas. Accumulates in Alzheimer disease-afflicted brains (at protein level).
<b>Function</b>	domain:The transmembrane domain also contains the signal for ER targeting.,domain:The UBX domain is required for interaction with VCP.,function:Involved in endoplasmic reticulum-associated protein degradation (ERAD).,induction:By ER stress-inducing reagents, such as tunicamycin, thapsigargin, DTT and the calcium ionophore A23187 (at protein level).,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,similarity:Contains 1 UBX domain.,subcellular location:Both the N- and the C-terminus face the cytosol; also found in the nucleus envelope contiguous to the ER.,subunit:Directly interacts with VCP.,tissue specificity:Expressed in many

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**Background**

UBXD2 is an integral membrane protein of the endoplasmic reticulum (ER) that binds valosin-containing protein (VCP; MIM 601023) and promotes ER-associated protein degradation (ERAD) (Liang et al., 2006 [PubMed 16968747]).[supplied by OMIM, Mar 2008],

**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

**Products Images**