

## Immunotag™ UBXN4 Polyclonal Antibody

Antibody Specification	
Catalog No.	ITN1502
Product Description	Immunotag™ UBXN4 Polyclonal Antibody
Size	50 µg, 100 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	UBXN4
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,ELISA
Recommended Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Reactive Species	Human,Rat,Mouse
Host Species	Rabbit
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	UBXN4 Polyclonal Antibody detects endogenous levels of protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Form	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Gene Name	UBXN4 KIAA0242 UBXD2 UBXDC1
Accession No.	Q92575 Q8VCH8 Q5HZY0
Description	UBX domain protein 4(UBXN4) Homo sapiens 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],
Protein Expression	Bone marrow,Brain,Eye,Trachea,

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Subcellular Localization	nuclear envelope,cytoplasm,endoplasmic reticulum,endoplasmic reticulum membrane,
Protein Function	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 tissues, including heart, brain, placenta, lung, liver, skeletal muscle, kidney and pancreas. Accumulates in Alzheimer disease-afflicted brains (at protein level).,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.