

Product datasheet for **TA349174**

Ubiquitin D (UBD) Rabbit Polyclonal Antibody

Product data:

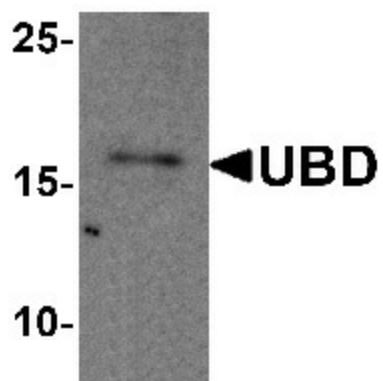
Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 1 - 2 ug/mL
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	UBD antibody was raised against a 16 amino acid peptide near the center of human UBD.
Formulation:	PBS containing 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	UBD antibody is affinity chromatography purified via peptide column.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	Predicted: 18 kDa; Observed: 17 kDa
Gene Name:	ubiquitin D
Database Link:	NP_006389 Entrez Gene 10537 Human O15205
Background:	UBD, also designated ubiquitin D or diubiquitin, plays a role in antigen presentation, cytokine response and apoptosis. It is a 165 amino acid protein encoded in the major histocompatibility complex (MHC) that consists of two domains which share significant homology with ubiquitin (1,2). UBD is inducible by interferon gamma and TNF-alpha and regulates TNF-alpha-induced and LPS-mediated activation of the central mediator of innate immunity NF-kappa-B by promoting TNF-alpha-mediated proteasomal degradation of ubiquitinated-I-kappa-B-alpha (3). It may also regulate cell growth during dendritic cell or B cell activation and development (4,5).
Synonyms:	FAT10; GABBR1; UBD-3



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Protein Families: Druggable Genome

Product images:



Western blot analysis of UBD in human testis tissue lysate with UBD antibody at 1 ug/mL.