



[Go to Product page](#)

Datasheet for ABIN7174379  
**anti-UBD antibody (AA 1-165) (HRP)**

### Overview

Quantity:	100 µg
Target:	UBD
Binding Specificity:	AA 1-165
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This UBD antibody is conjugated to HRP
Application:	ELISA

### Product Details

Immunogen:	Recombinant Human Ubiquitin D protein (1-165AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

### Target Details

Target:	UBD
Alternative Name:	UBD ( <a href="#">UBD Products</a> )
Background:	Background: Ubiquitin-like protein modifier which can be covalently attached to target protein and subsequently leads to their degradation by the 26S proteasome, in a NUB1L-dependent

## Target Details

---

manner. Probably functions as a survival factor. Conjugation ability activated by UBA6. Promotes the expression of the proteasome subunit beta type-9 (PSMB9/LMP2). 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. Required for TNF-alpha-induced p65 nuclear translocation in renal tubular epithelial cells (RTECs). May be involved in dendritic cell (DC) maturation, the process by which immature dendritic cells differentiate into fully competent antigen-presenting cells that initiate T-cell responses. Mediates mitotic non-disjunction and chromosome instability, in long-term in vitro culture and cancers, by abbreviating mitotic phase and impairing the kinetochore localization of MAD2L1 during the prometaphase stage of the cell cycle. May be involved in the formation of aggresomes when proteasome is saturated or impaired. Mediates apoptosis in a caspase-dependent manner, especially in renal epithelium and tubular cells during renal diseases such as polycystic kidney disease and Human immunodeficiency virus (HIV)-associated nephropathy (HIVAN).

Aliases: Diubiquitin antibody, FAT10 antibody, GABBR1 antibody, UBD 3 antibody, Ubd antibody, UBD\_HUMAN antibody, Ubiquitin D antibody, Ubiquitin like protein FAT10 antibody, Ubiquitin-like protein FAT10 antibody

---

UniProt: [O15205](#)

---

Pathways: [Ubiquitin Proteasome Pathway](#)

## Application Details

---

Application Notes: Optimal working dilution should be determined by the investigator.

---

Restrictions: For Research Use only

## Handling

---

Format: Liquid

---

Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

---

Preservative: ProClin

---

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

---

Storage: -20 °C,-80 °C

---

## Handling

---

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.