

Datasheet for ABIN6149778  
**anti-UBD antibody (AA 1-165)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	100 µL
Target:	UBD
Binding Specificity:	AA 1-165
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This UBD antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

## Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-165 of human FAT10/FAT10/UBD (NP_006389.2).
Sequence:	MAPNASCLCV HVRSEWDLM TFDANPYDSV KKIKEHVRSK TKVPVQDQVL LLGSKILKPR RSLSSYGIDK EKTIHLLTKV VKPSDEELPL FLVESGDEAK RHLLQVRRSS SVAQVKAMIE TKTGIIPETQ IVTCNGKRLE DGKMMADYGI RKGNNLLFLAC YCIGG
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Polyclonal Antibodies

## Target Details

Target:	UBD
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## Target Details

Alternative Name:	UBD ( <a href="#">UBD Products</a> )
Background:	<p>Ubiquitin-like protein modifier which can be covalently attached to target protein and subsequently leads to their degradation by the 26S proteasome, in a NUB1-dependent 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.,UBD,FAT10,GABBR1,UBD-3,Cell Biology &amp; Developmental Biology,Ubiquitin,Immunology &amp; Inflammation,UBD</p>
Molecular Weight:	18 kDa
Gene ID:	10537
UniProt:	<a href="#">O15205</a>
Pathways:	<a href="#">Ubiquitin Proteasome Pathway</a>

## Application Details

Application Notes:	WB,1:500 - 1:2000,IF,1:50 - 1:200
Comment:	HIGH QUALITY
Restrictions:	For Research Use only

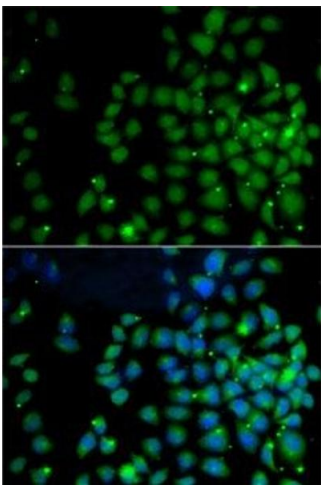
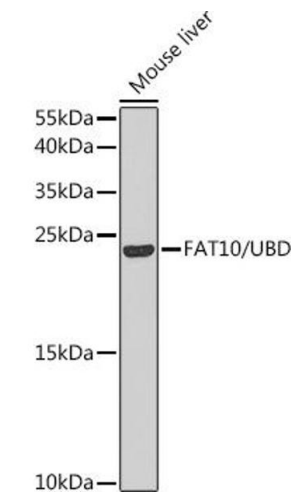
## Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide

## Handling

Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.

## Images



### Western Blotting

**Image 1.** Western blot analysis of extracts of mouse liver, using F/F/UBD antibody (ABIN6131598, ABIN6149778, ABIN6149780 and ABIN6221159) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 60s.

### Immunofluorescence

**Image 2.** Immunofluorescence analysis of A-549 cells using F/F/UBD antibody (ABIN6131598, ABIN6149778, ABIN6149780 and ABIN6221159). Blue: DAPI for nuclear staining.