

Rabbit anti-Human UBD Polyclonal Antibody | anti-UBD antibody

Anti-UBD Antibody, Rabbit Polyclonal

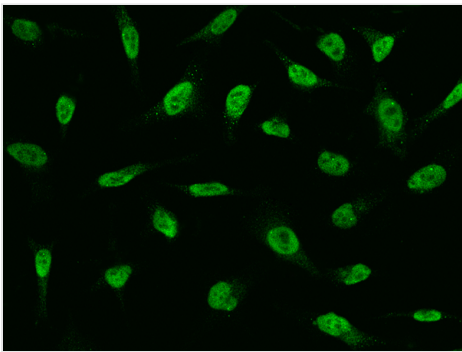
CATALOG # AAA255118	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunofluorescence, Immunocytochemistry, Western Blot
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PRODUCT SYNONYMS

UBD; Polyclonal Antibody; Anti-UBD Antibody; Rabbit Polyclonal; UBD Antibody; Rabbit PAb; Antigen Affinity Purified; ubiquitin D; Anti-FAT10 Antibody; Anti-GABBR1 Antibody; Anti-UBD-3 Antibody; anti-UBD antibody

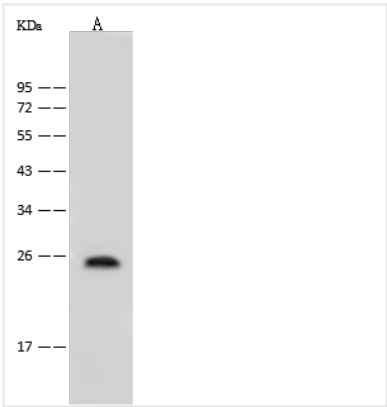
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human UBD
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-UBD antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to the center region of the Human UBD
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with a synthetic peptide corresponding to the center region of the Human UBD, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.



IF (Immunofluorescence)

Immunofluorescence staining of UBD in HeLa cells. Cells were fixed with 4% PFA, permeabilized with 0.1% Triton X-100 in PBS, blocked with 10% serum, and incubated with rabbit anti-human UBD polyclonal antibody (dilution ratio 1:1000) at 4 degree C overnight. Then cells were stained with the Alexa Fluor488-conjugated Goat Anti-rabbit IgG secondary antibody (green). Positive staining was localized to Nucleus.



WB (Western Blot)

Anti-UBD rabbit polyclonal antibody at 1:500 dilutionLane A: HepG2 Whole Cell LysateLysates/proteins at 30 ug per lane.SecondaryGoat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution.Developed using the ECL technique.Performed under reducing conditions.Predicted band size:18 kDaObserved band size:25 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-UBD antibody	UBD (Ubiquitin D) is a Protein Coding gene. The UBD gene, located on 6p22.1, is conserved in chimpanzee, Rhesus monkey, dog, cow, mouse, and rat. This gene encodes a protein that contains two ubiquitin-like domains. Through covalent attachment, the encoded protein targets other proteins for 26S proteasome degradation. This protein is involved in the management of diverse intracellular processes, including caspase-dependent apoptosis, the formation of aggresomes, mitotic regulation, and dendritic cell maturation. The UBD molecule has often been considered a tumor oncogene and has been shown to promote the recurrence and metastasis of malignant tumor cells. Diseases associated with UBD include Kidney Disease and Chronic Kidney Disease. Among its related pathways are HIF1Alpha Pathway and TRAF Pathway.
References	Zhao C, et al. (2018) Knockdown of ubiquitin d inhibits adipogenesis during the differentiation of porcine intramuscular and subcutaneous preadipocytes. Cell Prolif 51 (2): e12401.Kawamoto A, et al. (2019) Ubiquitin d is upregulated by synergy of notch signalling and tnfr-alpha in the inflamed intestinal epithelia of ibd patients. J Crohns Colitis 13 (4): 495-509.Han T, et al. (2015) High expression of ubd correlates with epirubicin resistance and indicates poor prognosis in triple-negative breast cancer. Onco Targets Ther 8 1643-1649.

NCBI AND UNIPROT INFORMATION

NCBI GI #	222352096
NCBI GeneID	10537
NCBI Accession #	NP_006389.2
NCBI GenBank Nucleotide #	NM_006398.3
UniProt Accession #	O15205; Q5STL2; Q5SUK2; Q96EC7; B0UZF6
Molecular Weight	18,473 Da
NCBI Official Full Name	ubiquitin D
NCBI Official Synonym Full Names	ubiquitin D
NCBI Official Symbol	UBD
NCBI Official Synonym Symbols	FAT10; UBD-3; GABBR1
NCBI Protein Information	ubiquitin D; diubiquitin; ubiquitin-like protein FAT10
UniProt Protein Name	Ubiquitin D
UniProt Gene Name	UBD

UniProt Synonym Gene Names	FAT10
UniProt Entry Name	UBD_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/ubd-antibody-immunofluorescence-immunocytochemistry-western-blot-elisa/255118>