

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

UBD Antibody

CATALOG # AAA40630	HOST Rabbit	REACTIVITY Human	APPLICATIONS Western Blot, ELISA
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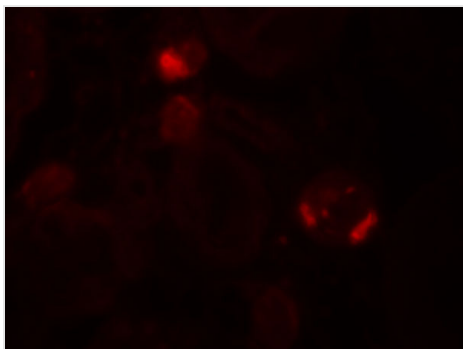
PRODUCT SYNONYMS

UBD; Polyclonal Antibody; UBD Antibody; Ubiquitin D; Diubiquitin; FAT10; GABBR1; UBD-3; Ubiquitin-like protein FAT10 ; anti-UBD antibody

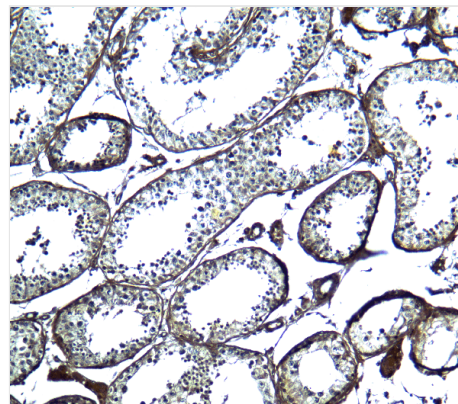
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	UBD antibody is human specific.
Purity/Purification	UBD antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	165
Applicable Applications for anti-UBD antibody	WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	UBD antibody was raised against a 16 amino acid peptide near the center of human UBD.
Buffer	UBD antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	UBD antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year.

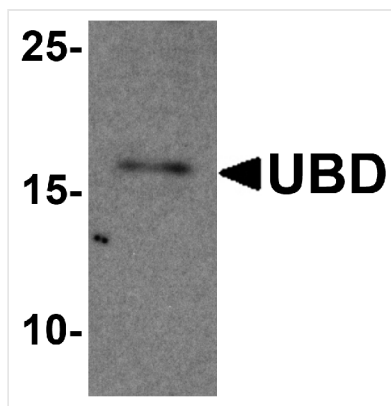
IMAGES


IF (Immunofluorescence)

Immunofluorescence of UBD in human testis tissue with UBD antibody at 20 µg/mL.


IHC (Immunohistochemistry)

Immunohistochemistry of UBD in human testis tissue with UBD antibody at 5 µg/mL.



WB (Western Blot)

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

ADDITIONAL INFORMATION

Related Product Information for anti-UBD antibody

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).

NCBI AND UNIPROT INFORMATION

NCBI GI #	222352096
NCBI GeneID	10537
NCBI Accession #	NP_006389
NCBI GenBank Nucleotide #	NM_006398.3
UniProt Accession #	O15205; Q5STL2; Q5SUK2; Q96EC7; B0UZT6
Molecular Weight	Predicted: 18 kDa Observed: 17 kDa
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.