

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

Anti-Diubiquitin antibody

CATALOG # AAA45643	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

Diubiquitin; Polyclonal Antibody; Anti-Diubiquitin antibody; Ubiquitin D; ubiquitin D; Diubiquitin antibody; FAT10 antibody; UBD 3 antibody; Ubd antibody; UBD_HUMAN antibody; Ubiquitin D antibody; Ubiquitin like protein FAT10 antibody; Ubiquitin-like protein FAT10 antibody; anti-UBD antibody

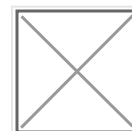
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	165
Applicable Applications for anti-UBD antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of human Diubiquitin (27-40aa YDSVKKIKEHVRSK), different from the related mouse and rat sequences by five amino acids.
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

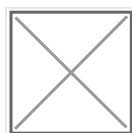
IMAGES



IHC (Immunohistochemistry)
Anti-Diubiquitin antibody, AAA45643, IHC(P)IHC(P): Human Intestinal Cancer Tissue



IHC (Immunohistochemistry)
Anti-Diubiquitin antibody, AAA45643, IHC(P)IHC(P): Human Tonsil Tissue



WB (Western Blot)
Anti-Diubiquitin antibody, AAA45643, Western blottingLane 1: HELA Cell LysateLane 2: SKOV Cell LysateLane 3: MCF-7 Cell LysateLane 4: A549 Cell LysateLane 5: SMMC Cell Lysate

ADDITIONAL INFORMATION

Related Product Information for anti-UBD antibody	Description: Rabbit IgG polyclonal antibody for Ubiquitin D(UBD) detection. Tested with WB, IHC-P in Human. Background: Ubiquitin D, also called UBD or FAT10 is a protein that in humans is encoded by the UBD gene. This gene is mapped to 6p22.1. Ubiquitin-like protein modifier can be covalently attached to target protein and subsequently leads to their degradation by the 26S proteasome in a NUB1L-dependent manner. This gene 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. It may be involved in the formation of aggresomes when proteasome is saturated or impaired. This gene 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). It probably functions as a survival factor.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	269849476
NCBI GeneID	10537
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.