

Rabbit UBE2D3 Polyclonal Antibody | anti-UBE2D3 antibody

UBE2D3 antibody - N-terminal region

CATALOG # AAA23507	HOST Rabbit	REACTIVITY Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Yeast, Zebrafish	APPLICATIONS Western Blot
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PRODUCT SYNONYMS

UBE2D3; Polyclonal Antibody; UBE2D3 antibody - N-terminal region; anti-UBE2D3 antibody

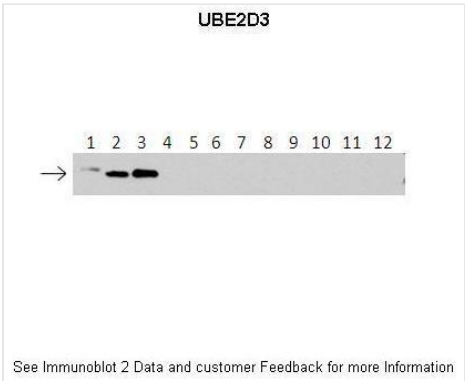
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Yeast, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: MA LKRINKELSD LARDPPAQCS AGPVGDDMFH WQATIMGPND SPYQGGVF
Sequence Length	147
Applicable Applications for anti-UBE2D3 antibody	WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 92%; Rat: 100%; Yeast: 92%; Zebrafish: 92%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human UBE2D3
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



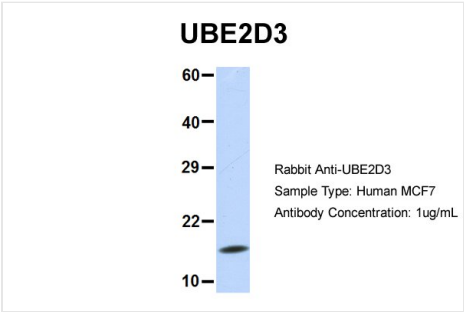
WB (Western Blot)

WB Suggested Anti-UBE2D3 Antibody Titration: 0.2-1 ug/mL
ELISA Titer: 1:1562500
Positive Control: MCF7 cell lysate. UBE2D3 is strongly supported by BioGPS gene expression data to be expressed in MCF7



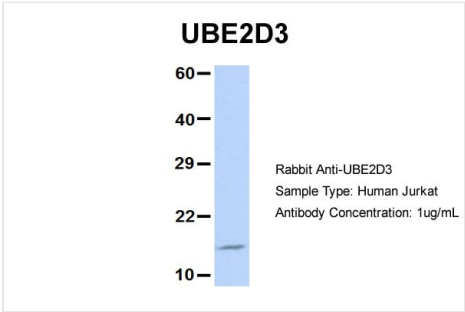
WB (Western Blot)

Lanes: 1: 40ng HIS-UBE2D1 protein; 2: 40ng HIS-UBE2D2 protein; 3: 40ng HIS-UBE2D3 protein; 4: 40ng HIS-UBE2D4 protein; 5: 40ng HIS-UBE2E1 protein; 6: 40ng HIS-UBE2E2 protein; 7: 40ng HIS-UBE2E3 protein; 8: 40ng HIS-UBE2K protein; 9: 40ng HIS-UBE2L3 protein; 10: 40ng HIS-UBE2N protein; 11: 40ng HIS-UBE2V1 protein; 12: 40ng HIS-UBE2V2 protein.
Primary Antibody Dilution: 1:500
Secondary Antibody: Anti-rabbit-HRP
Secondary Antibody Dilution: 1:50,000
Gene Name: UBE2D3
Submitted by: Dr Chris Boutell, MRC-UoG Centre for Virus Research (CVR), UK.



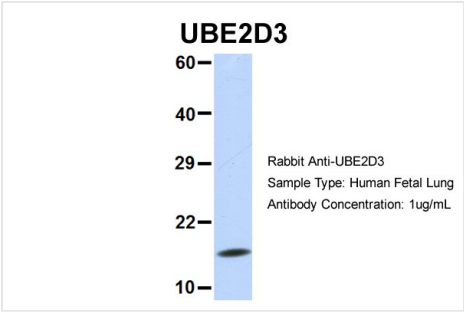
WB (Western Blot)

Host: Rabbit
Target Name: UBE2D3
Sample Type: MCF7
Antibody Dilution: 1.0ug/mL
UBE2D3 is strongly supported by BioGPS gene expression data to be expressed in MCF7



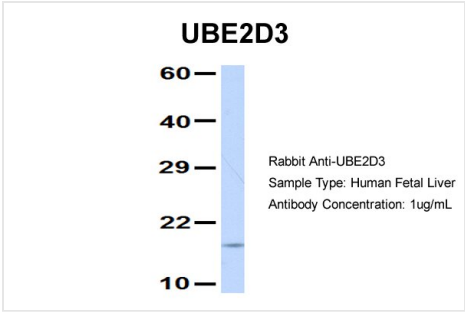
WB (Western Blot)

Host: Rabbit
Target Name: UBE2D3
Sample Type: Jurkat
Antibody Dilution: 1.0ug/mL
UBE2D3 is strongly supported by BioGPS gene expression data to be expressed in Jurkat



WB (Western Blot)

Host: Rabbit
Target Name: UBE2D3
Sample Type: Human Fetal Lung
Antibody Dilution: 1.0ug/mL



WB (Western Blot)

Host: Rabbit
Target Name: UBE2D3
Sample Type: Human Fetal Liver
Antibody Dilution: 1.0ug/mL

ADDITIONAL INFORMATION

Related Product Information for anti-UBE2D3 antibody	This is a rabbit polyclonal antibody against UBE2D3. It was validated on Western Blot using a cell lysate as a positive control. Target Description: The modification of proteins with ubiquitin is an important cellular mechanism for targeting abnormal or short-lived proteins for degradation. Ubiquitination involves at least three classes of enzymes: ubiquitin-activating enzymes, or E1s, ubiquitin-conjugating enzymes, or E2s, and ubiquitin-protein ligases, or E3s. UBE2D3 is a member of the E2 ubiquitin-conjugating enzyme family. This enzyme functions in the ubiquitination of the tumor-suppressor protein p53, which is induced by an E3 ubiquitin-protein ligase. The modification of proteins with ubiquitin is an important cellular mechanism for targeting abnormal or short-lived proteins for degradation. Ubiquitination involves at least three classes of enzymes: ubiquitin-activating enzymes, or E1s, ubiquitin-conjugating enzymes, or E2s, and ubiquitin-protein ligases, or E3s. This gene encodes a member of the E2 ubiquitin-conjugating enzyme family. This enzyme functions in the ubiquitination of the tumor-suppressor protein p53, which is induced by an E3 ubiquitin-protein ligase. Multiple spliced transcript variants have been found for this gene, but the full-length nature of some variants has not been determined.
Product Categories/Family for anti-UBE2D3 antibody	Polyclonal; E3 & Ubiquitin; DNA Repair

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507777
NCBI GeneID	7323
NCBI Accession #	NP_003331
NCBI GenBank Nucleotide #	NM_003340
UniProt Accession #	P61077
Molecular Weight	17kDa
NCBI Official Full Name	ubiquitin-conjugating enzyme E2 D3 isoform 1
NCBI Official Synonym Full Names	ubiquitin conjugating enzyme E2 D3
NCBI Official Symbol	UBE2D3
NCBI Official Synonym Symbols	UBC4/5; UBCH5C; E2(17)KB3
NCBI Protein Information	ubiquitin-conjugating enzyme E2 D3
UniProt Protein Name	Ubiquitin-conjugating enzyme E2 D3
UniProt Gene Name	UBE2D3
UniProt Synonym Gene Names	UBC5C; UBCH5C
UniProt Entry Name	UB2D3_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/ube2d3-antibody-western-blot-elisa/23507>