

Rabbit UBE2D1 Polyclonal Antibody | anti-UBE2D1 antibody

UBE2D1 antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA199206	Rabbit	Cow, Dog, Goat, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat, Zebrafish	Western Blot

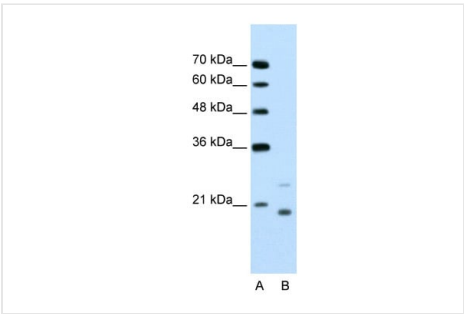
PRODUCT SYNONYMS

UBE2D1; Polyclonal Antibody; UBE2D1 antibody - middle region; anti-UBE2D1 antibody

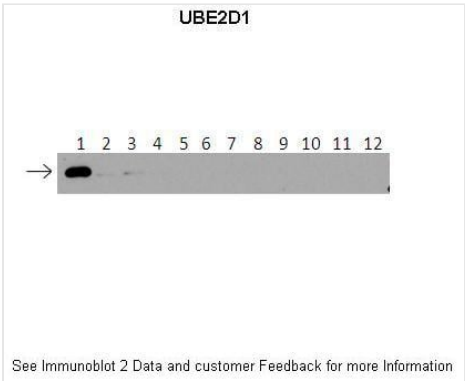
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Goat, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Protein A 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 sequence: SQ WSPALTVSKV LLSICSLLCD PNPDDPLVPD IAQIYKSDKE KYNRHARE
Sequence Length	147
Applicable Applications for anti-UBE2D1 antibody	WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Goat: 100%; Guinea Pig: 79%; Horse: 100%; Human: 100%; Mouse: 100%; Pig: 100%; Rabbit: 93%; Rat: 100%; Zebrafish: 93%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human UBE2D1
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.

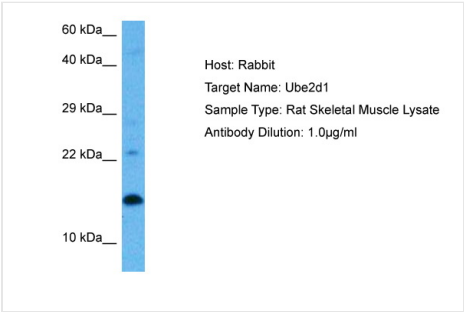
IMAGES



WB (Western Blot)
WB Suggested Anti-UBE2D1 Antibody Titration: 1.25ug/mlPositive Control: Jurkat cell lysate



WB (Western Blot)
Lanes:1: 40ng HIS-UBE2D1 protein2: 40ng HIS-UBE2D2 protein3: 40ng HIS-UBE2D3 protein4: 40ng HIS-UBE2D4 protein5: 40ng HIS-UBE2E1 protein6: 40ng HIS-UBE2E2 protein7: 40ng HIS-UBE2E3 protein8: 40ng HIS-UBE2K protein9: 40ng HIS-UBE2L3 protein10: 40ng HIS-UBE2N protein11: 40ng HIS-UBE2V1 protein12: 40ng HIS-UBE2V2 protein.Primary Antibody Dilution:1:500Secondary Antibody:Anti-rabbit-HRPSecondary Antibody Dilution:1:50,000Gene Name:UBE2D1Submitted by:Dr Chris Boutell. MRC-UoG Centre for Virus Research (CVR), UK.



WB (Western Blot)
Host: RatTarget Name: UBE2D1Sample Tissue: Rat Skeletal MuscleAntibody Dilution: 1ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-UBE2D1 antibody	This is a rabbit polyclonal antibody against UBE2D1. 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. UBE2D1 is a member of the E2 ubiquitin-conjugating enzyme family. This enzyme is closely related to a stimulator of iron transport (SFT), and is up-regulated in hereditary hemochromatosis. It also functions in the ubiquitination of the tumor-suppressor protein p53 and the hypoxia-inducible transcription factor HIF1alpha by interacting with the E1 ubiquitin-activating enzyme and the E3 ubiquitin-protein ligases.
Product Categories/Family for anti-UBE2D1 antibody	Polyclonal; E3 & Ubiquitin

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507773
NCBI GeneID	7321
NCBI Accession #	NP_003329
NCBI GenBank Nucleotide #	NM_001204880
UniProt Accession #	P51668

Molecular Weight	16kDa
NCBI Official Full Name	ubiquitin-conjugating enzyme E2 D1 isoform 1
NCBI Official Synonym Full Names	ubiquitin conjugating enzyme E2 D1
NCBI Official Symbol	UBE2D1
NCBI Official Synonym Symbols	SFT; UBCH5; UBC4/5; UBCH5A; E2(17)KB1
NCBI Protein Information	ubiquitin-conjugating enzyme E2 D1
UniProt Protein Name	Ubiquitin-conjugating enzyme E2 D1
UniProt Gene Name	UBE2D1
UniProt Synonym Gene Names	SFT; UBC5A; UBCH5; UBCH5A; SFT
UniProt Entry Name	UB2D1_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://stage.aaabiotech.com/polyclonal/ube2d1-antibody-western-blot-elisa/199206>