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anti-UBE2D2 antibody (N-Term)

2 Images



Overview	
Quantity:	100 μL
Target:	UBE2D2
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Horse, Rabbit, Guinea Pig, Zebrafish (Danio rerio), Goat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This UBE2D2 antibody is un-conjugated
Application:	Western Blotting (WB)
Product Details	
Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human UBE2D2
Sequence:	ALKRIHKELN DLARDPPAQC SAGPVGDDMF HWQATIMGPN DSPYQGGVFF
Predicted Reactivity:	Cow: 100%, Dog: 100%, Goat: 79%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 86%
Characteristics:	This is a rabbit polyclonal antibody against UBE2D2. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified
Target Details	
Target:	UBE2D2

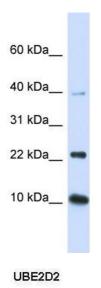
Target Details

rarget Details	
Alternative Name:	UBE2D2 (UBE2D2 Products)
Background:	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. UBE2D2 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 encode
	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. Two alternatively spliced transcript variants have been found for this gene and they
	encode distinct isoforms.
	Alias Symbols: E2(17)KB2, PUBC1, UBC4, UBC4/5, UBCH5B
	Protein Interaction Partner: RNF26, CHFR, RBX1, DZIP3, UBA1, UBC, TRAF6, BIRC7, anapc11,
	ZNRF1, RNF146, MID1, MDM2, BIRC3, FZR1, ITCH, HRD1, CUL3, XIAP, MARCH7, RNF25,
	UBE2D2, RNF130, UBA6, CBLC, PARK2, TRIM21, KCMF1, RNF135, MUL1, MDM4, TRIM23,
	STUB1, CBL, UBTD1, RNF38, UBI4, RFFL,
	Protein Size: 147
Molecular Weight:	17 kDa
Gene ID:	7322
NCBI Accession:	NM_003339, NP_003330
UniProt:	P62837
Pathways:	Activation of Innate immune Response, Toll-Like Receptors Cascades
Application Details	
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 147 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Validation report #104256 for Western Blotting (WB)



Western Blotting

Image 1. WB Suggested Anti-UBE2D2 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: Human brain



Western Blotting

Image 2. 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:

See Immunoblot 2 Data and customer Feedback for more Information

1:50,000 Gene Name: UBE2D2 Submitted by: Dr Chris Boutell. MRC-UoG Centre for Virus Research (CVR), UK.