

Rabbit UBE2V1 Polyclonal Antibody | anti-UBE2V1 antibody

UBE2V1 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA290158	Rabbit	Human, mouse (Predicted Reactivity: Bovine, Chicken, Zebrafish, Rat, Xenopus)	ELISA, Western Blot

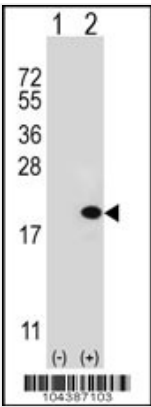
PRODUCT SYNONYMS

UBE2V1; Polyclonal Antibody; UBE2V1 Antibody (C-term); Ubiquitin-conjugating enzyme E2 variant 1; UEV-1; CROC-1; TRAF6-regulated IKK activator 1 beta Uev1A; CROC1; UBE2V; UEV1; anti-UBE2V1 antibody

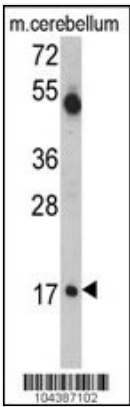
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse (Predicted Reactivity: Bovine, Chicken, Zebrafish, Rat, Xenopus)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This UBE2V1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 113-145 amino acids from the C-terminal region of human UBE2V1.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	113-145
Sequence Length	105
Applicable Applications for anti-UBE2V1 antibody	ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)
Western blot analysis of UBE2V1 (arrow) using rabbit polyclonal UBE2V1 Antibody (M151). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the UBE2V1 gene.



WB (Western Blot)
Western blot analysis of UBE2V1 Antibody (C-term) in mouse cerebellum tissue lysates (35ug/lane). UBE2V1 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-UBE2V1 antibody	The CROC1 isoforms, also known as UBE2V1, show sequence similarity to ubiquitin-conjugating enzymes (UBCs, or E2s) but lack the conserved cysteine residue critical to catalytic activity of E2s. ¹ Northern blot analysis detected approximately 2.1- and 2.5-kb CROC1 transcripts in all human tissues examined, with the highest levels in brain, skeletal muscle, and kidney. Partial human intestinal epithelial cell cDNAs have been isolated containing the 3'-primecoding sequence and 3-prime untranslated region of UBE2V1, also called UEV1. ² UEV1 does not have ubiquitin-conjugating activity in vitro. UEV1 transcripts are downregulated upon differentiation of a colon carcinoma cell line. ¹ Constitutive expression of exogenous UEV1 protein in these colon carcinoma cells inhibits their capacity to differentiate upon confluence and induces changes in cell cycle behavior associated with inhibition of CDK1. A heterodimeric protein complex has been identified that links TRAF6 to IKK activation. ³ Peptide mass fingerprinting analysis revealed that this complex is composed of the ubiquitin conjugating enzyme UBC13 and the UBC-like protein UBE2V1, also called UEV1A. TRAF6, a RING domain protein, functions together with UBC13/UEV1A to catalyze the synthesis of unique polyubiquitin chains linked through lysine-63 (K63) of ubiquitin. Blockade of this polyubiquitin chain synthesis, but not inhibition of the proteasome, prevents the activation of IKK by TRAF6. These results unveil a new regulatory function for ubiquitin, in which IKK is activated through the assembly of K63-linked polyubiquitin chains.
Product Categories/Family for anti-UBE2V1 antibody	Cell Biology; Immunology; Signal Transduction
References	Thomson, T.M., et al., Genome Res. 10(11):1743-1756 (2000). Long, M., Genome Res. 10(11):1655-1657 (2000). Deng, L., et al., Cell 103(2):351-361 (2000). Hofmann, R.M., et al., Cell 96(5):645-653 (1999). Ma, L., et al., Oncogene 17(10):1321-1326 (1998).

NCBI AND UNIPROT INFORMATION

NCBI GI #	73765546
NCBI GeneID	7335
NCBI Accession #	NP_001027459.1; NP_001244322.1; NP_001244323.1; NP_001244325.1; NP_068823.2; NP_071887.1; NP_954595.1; NP_954673.1
NCBI GenBank Nucleotide #	NM_001032288.2
UniProt Accession #	Q13404; Q13403; Q13532; Q5TGE0; Q5TGE3; Q96H34; Q9GZT0; Q9GZW1; Q9H4J3; Q9H4J4; Q9UKL1; E1P629
Molecular Weight	16495
NCBI Official Full Name	ubiquitin-conjugating enzyme E2 variant 1 isoform d

NCBI Official Synonym Full Names	ubiquitin-conjugating enzyme E2 variant 1
NCBI Official Symbol	UBE2V1
NCBI Official Synonym Symbols	CIR1; UEV1; CROC1; UBE2V; UEV-1; UEV1A; CROC-1
NCBI Protein Information	ubiquitin-conjugating enzyme E2 variant 1
UniProt Protein Name	Ubiquitin-conjugating enzyme E2 variant 1
UniProt Gene Name	UBE2V1
UniProt Synonym Gene Names	CROC1; UBE2V; UEV1; UEV-1
UniProt Entry Name	UB2V1_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/ube2v1-antibody-western-blot-elisa/290158>