



# Anti-UBE2V1 (aa 1-100) polyclonal antibody (DPABH-25917)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Antigen Description</b>	Ubiquitin-conjugating enzyme E2 (UEV1) was initially discovered as a protein similar in sequence and structure to the E2 ubiquitin-conjugating enzymes but lacking their enzymatic activity. There are at least two variants and multiple isoforms of UEV1. In particular, UEV1A (Ubiquitin-conjugating enzyme E2 variant 1 isoform A) has recently been shown to be an important component of the Toll-like receptor and IL-1R signaling pathway. Signals from these pathways are relayed by a number of downstream molecules such as MyD88 and tumor necrosis factor receptor associated factor (TRAF6), ultimately activating various kinases and transcription factors. UEV1A is part of a dimeric ubiquitin-conjugating enzyme complex also containing Ubc13 (ubiquitin-conjugating enzyme 13) that together with TRAF6 activates TAK1, a member of the mitogen-activated protein kinase kinase family. The Ubc13-UEV1A complex also mediates the Lys-63 ubiquitination of TRAF-6, and this ubiquitination is essential for TAK1 activation.
<b>Immunogen</b>	Synthetic peptide corresponding to Human UEV1A aa 1-100 (N terminal) conjugated to Keyhole Limpet Haemocyanin (KLH). Database link: Q13404
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human
<b>Purification</b>	Immunogen affinity purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB
<b>Format</b>	Liquid

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<b>Size</b>	100 µg
<b>Buffer</b>	pH: 7.40; Constituent: PBS
<b>Preservative</b>	0.02% Sodium Azide
<b>Storage</b>	Store at 4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

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## GENE INFORMATION

<b>Gene Name</b>	<a href="#">UBE2V1 ubiquitin-conjugating enzyme E2 variant 2 [ Homo sapiens ]</a>
<b>Official Symbol</b>	UBE2V1
<b>Synonyms</b>	UBE2V1; ubiquitin-conjugating enzyme E2 variant 1; CIR1; UEV1; CROC1; UBE2V; UEV-1; UEV1A; CROC-1; DNA-binding protein; TRAF6-regulated IKK activator 1 beta Uev1A;
<b>Entrez Gene ID</b>	<a href="#">7335</a>
<b>Protein Refseq</b>	<a href="#">NP_001027459.1</a>
<b>UniProt ID</b>	<a href="#">Q13404</a>
<b>Pathway</b>	Activated TLR4 signalling; Antigen processing: Ubiquitination & Proteasome degradation; Cytokine Signaling in Immune system; FCER1 mediated NF-κB activation
<b>Function</b>	acid-amino acid ligase activity; protein binding;

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