



# Rabbit Anti-Human UBE2I Polyclonal Antibody (CABT-L2289)

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

## PRODUCT INFORMATION

<b>Product Overview</b>	Polyclonal Antibody to Ubiquitin Conjugating Enzyme E2I (Knockout Validated)
<b>Specificity</b>	The antibody is a rabbit polyclonal antibody raised against UBE2I. It has been selected for its ability to recognize UBE2I in immunohistochemical staining and western blotting.
<b>Target</b>	UBE2I
<b>Immunogen</b>	Recombinant fragment corresponding to human UBE2I (Asp33~Ser158)
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human, Pig
<b>Purification</b>	Antigen-specific affinity chromatography followed by Protein A affinity chromatography
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB
<b>Format</b>	Liquid
<b>Concentration</b>	Lot specific
<b>Size</b>	200 µg
<b>Buffer</b>	Supplied as solution form in 0.01M PBS with 50% glycerol, pH7.4.
<b>Preservative</b>	0.05% Proclin-300

<b>Storage</b>	Avoid repeated freeze/thaw cycles. Store at 4°C for frequent use. Aliquot and store at -20°C for 12 months.
<b>Ship</b>	4°C with ice bags

## BACKGROUND

<b>Introduction</b>	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. Four alternatively spliced transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Jul 2008]
<b>Keywords</b>	P18;UBC9;UBCE9;SUMO-protein ligase;Ubiquitin carrier protein 9;Ubiquitin carrier protein I;Ubiquitin-protein ligase I;SUMO-conjugating enzyme UBC9

## GENE INFORMATION

<b>Gene Name</b>	UBE2I ubiquitin-conjugating enzyme E2I [ Homo sapiens (human) ]
<b>Official Symbol</b>	UBE2I
<b>Synonyms</b>	UBE2I; ubiquitin-conjugating enzyme E2I; P18; UBC9; C358B7.1; SUMO-conjugating enzyme UBC9; SUMO-protein ligase; SUMO-1-protein ligase; ubiquitin-protein ligase I; ubiquitin carrier protein 9; ubiquitin carrier protein I; ubiquitin-protein ligase E2I; ubiquitin conjugating enzyme 9; ubiquitin-conjugating enzyme UbcE2A; ubiquitin-like protein SUMO-1 conjugating enzyme; ubiquitin-conjugating enzyme E2I (UBC9 homolog, yeast); ubiquitin-conjugating enzyme E2I (homologous to yeast UBC9);
<b>Entrez Gene ID</b>	<a href="#">7329</a>
<b>Protein Refseq</b>	NP_003336
<b>UniProt ID</b>	<a href="#">A8K503</a>
<b>Chromosome Location</b>	16p13.3
<b>Pathway</b>	Androgen receptor signaling pathway; C-MYB transcription factor network; Cell Cycle; Coregulation of Androgen receptor activity; Meiosis; Meiotic synapsis; Metabolism of proteins; MicroRNAs in cancer;
<b>Function</b>	ATP binding; HLH domain binding; RING-like zinc finger domain binding; SUMO conjugating enzyme activity; bHLH transcription factor binding; enzyme binding; ligase activity; poly(A) RNA

binding; protein C-terminus binding; protein binding; transcription factor binding; NOT ubiquitin  
protein ligase activity; NOT ubiquitin protein ligase binding;

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