




## Rabbit Anti-UBE2E1 antibody

SL8373R

<b>Product Name:</b>	UBE2E1
<b>Chinese Name:</b>	Ubiquitin蛋白连接酶E1抗体
<b>Alias:</b>	UB2E1_HUMAN; UbcH6; UBE2E1; Ubiquitin carrier protein E1; Ubiquitin-conjugating enzyme E2 E1; Ubiquitin-protein ligase E1.
<b>文献引用</b>  :	<b>Specific References(1)</b>  SL8373R has been referenced in 1 publications. [IF=1.87]Takenokuchi, Mariko, et al. "Bortezomib Causes ER Stress-related Death of Acute Promyelocytic Leukemia Cells Through Excessive Accumulation of PML-RARA." Anticancer Research 35.6 (2015): 3307-3316. <b>WB;Human.</b> <a href="#">PubMed:26026090</a>
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Mouse,Rat,Chicken,Pig,Cow,Sheep,
<b>Applications:</b>	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:50-200 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	21kDa
<b>Cellular localization:</b>	The nucleus
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human UBCH6/UBE2E1:1-100/193
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of

	antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	<p>The ubiquitin (Ub) pathway involves three sequential enzymatic steps that facilitate the conjugation of Ub and Ub-like molecules to specific protein substrates. The first step requires the ATP-dependent activation of the Ub C-terminus and the assembly of multi-Ub chains by the Ub-activating enzyme known as the E1 component. The Ub chain is then conjugated to the Ub-conjugating enzyme (E2) to generate an intermediate Ub-E2 complex. The Ub-ligase (E3) then catalyzes the transfer of Ub from E2 to the appropriate protein substrate. UBE2E1 and UBE2L3, also designated UBCH6 and UBCH7 respectively in human, are E2 conjugating enzymes that interact with various proteins. Specifically, UBE2E1 interacts with the tumor suppressor protein TSSC5. UBE2L3 has been shown to mediate c-fos degradation, NF-kB maturation, human papilloma virus-mediated p53 and Myc protein degradation.</p> <p><b>Function:</b> Accepts ubiquitin from the E1 complex and catalyzes its covalent attachment to other proteins. Catalyzes the covalent attachment of ISG15 to other proteins. Mediates the selective degradation of short-lived and abnormal proteins. In vitro also catalyzes 'Lys-48'-linked polyubiquitination.</p> <p><b>Subunit:</b> Interacts with RNF14.</p> <p><b>Subcellular Location:</b> Nucleus.</p> <p><b>Post-translational modifications:</b> ISGylation suppresses ubiquitin E2 enzyme activity.</p> <p><b>Similarity:</b> Belongs to the ubiquitin-conjugating enzyme family.</p> <p><b>SWISS:</b> P51965</p> <p><b>Gene ID:</b> 7324</p> <p><b>Database links:</b> <a href="#">Entrez Gene: 7324</a>Human <a href="#">Entrez Gene: 22194</a>Mouse <a href="#">Omim: 602916</a>Human <a href="#">SwissProt: P51965</a>Human</p>

[SwissProt: P52482](#)Mouse

[SwissProt: Q541Z5](#)Mouse

[Unigene: 164853](#)Human

[Unigene: 4429](#)Mouse

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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