



## Rabbit Anti-UBE1L / UBE2 antibody

SL3814R

<b>Product Name:</b>	UBE1L / UBE2
<b>Chinese Name:</b>	Ubiquitin激活酶2/Ubiquitin激活酶E1相关蛋白抗体
<b>Alias:</b>	UBA1B; UBE1L; D8; UBA7; Ube 1L; UBE 2; Ubiquitin activating enzyme 2; Ubiquitin activating enzyme E1 homolog; Ubiquitin Activating Enzyme E1 Like; Ubiquitin activating enzyme E1 related protein; UBA7 HUMAN.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,Pig,Cow,Horse,Rabbit,
<b>Applications:</b>	IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (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>	112kDa
<b>Cellular localization:</b>	The nucleuscytoplasmic
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human Ube1L:401-500/1012
<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>	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 E1 ubiquitin-activating enzyme family. The encoded enzyme is a

retinoid target that triggers promyelocytic leukemia (PML)/retinoic acid receptor alpha (RARalpha) degradation and apoptosis in acute promyelocytic leukemia, where it is involved in the conjugation of the ubiquitin-like interferon-stimulated gene 15 protein. [provided by RefSeq, Jul 2008].

**Function:**

Activates ubiquitin by first adenylating with ATP its C-terminal glycine residue and thereafter linking this residue to the side chain of a cysteine residue in E1, yielding an ubiquitin-E1 thioester and free AMP.

**Subunit:**

Monomer. Binds and is involved in the conjugation of G1P2/ISG15.

**Tissue Specificity:**

Expressed in a variety of normal and tumor cell types, but is reduced in lung cancer cell lines.

**Similarity:**

Belongs to the ubiquitin-activating E1 family.

**SWISS:**

P41226

**Gene ID:**

7318

**Database links:**

[Entrez Gene: 7318](#)Human

[Entrez Gene: 74153](#)Mouse

[Entrez Gene: 301000](#)Rat

[Omim: 191325](#)Human

[SwissProt: P41226](#)Human

[Unigene: 16695](#)Human

[Unigene: 277125](#)Mouse

[Unigene: 98275](#)Rat

**Important Note:**

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

