



## Rabbit Anti-CDC34B antibody

SL3813R

<b>Product Name:</b>	CDC34B
<b>Chinese Name:</b>	Ubiquitin载体蛋白R2抗体
<b>Alias:</b>	CDC34B; E2 CDC34B; UBE2R2; Ubiquitin carrier protein R2; Ubiquitin conjugating enzyme E2 CDC34B; Ubiquitin conjugating enzyme E2 R2; Ubiquitin conjugating enzyme E2R 2; Ubiquitin conjugating enzyme UBC3B; Ubiquitin protein ligase R2.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,Chicken,Horse,Rabbit,
<b>Applications:</b>	WB=1:500-2000ELISA=1:500-1000IHC-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>	26kDa
<b>Cellular localization:</b>	cytoplasmic
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human CDC34B:101-200/238
<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>	UBC3B is a ubiquitous and pleiotropic Ser/Thr protein kinase involved in cell growth and transformation. This gene encodes a protein similar to the E2 ubiquitin conjugating enzyme UBC3/CDC34. Studies suggest that CK2-dependent phosphorylation of this ubiquitin-conjugating enzyme functions by regulating beta-TrCP substrate recognition and induces its interaction with beta-TrCP, enhancing beta-catenin degradation.

**Function:**

Accepts ubiquitin from the E1 complex and catalyzes its covalent attachment to other proteins. In vitro catalyzes monoubiquitination and 'Lys-48'-linked polyubiquitination. May be involved in degradation of katenin.

**Subunit:**

When phosphorylated, interacts with beta-TrCP (BTRC).

**Similarity:**

Belongs to the ubiquitin-conjugating enzyme family.

**SWISS:**

Q712K3

**Gene ID:**

54926

**Database links:**

[Entrez Gene: 54926](#)Human

[Entrez Gene: 67615](#)Mouse

[Entrez Gene: 299677](#)Rat

[Omim: 612506](#)Human

[SwissProt: Q712K3](#)Human

[SwissProt: Q6ZWZ2](#)Mouse

[Unigene: 643648](#)Human

[Unigene: 725177](#)Human

[Unigene: 389540](#)Mouse

**Important Note:**

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