



Rabbit Anti-Ube2H antibody

SL8370R

Product Name:	Ube2H
Chinese Name:	Ubiquitin激活酶2H抗体
Alias:	E2 20K; Ubc H2; UBC8; UBCH 2; UBCH; UBCH2; Ube2h; UBE2H_HUMAN; Ubiquitin carrier protein H; Ubiquitin conjugating enzyme E2 H; Ubiquitin conjugating enzyme E2H (UBC8 homolog yeast); Ubiquitin conjugating enzyme E2H; Ubiquitin protein ligase H; Ubiquitin-conjugating enzyme E2 H; Ubiquitin-conjugating enzyme E2-20K; Ubiquitin-protein ligase H.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Mouse,Rat,Chicken,Dog,Cow,Rabbit,
Applications:	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.
Molecular weight:	21kDa
Cellular localization:	cytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human Ube2H/UBCH2:101-183/183
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	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.
PubMed:	PubMed
Product Detail:	UBE2H, also known as UBC8, UBCH, UBCH2 or E2-20K, is a 183 amino acid protein involved in ubiquitin-mediated protein degradation. Ubiquitination is an important mechanism through which three classes of enzymes act in concert to target short-lived

or abnormal proteins for destruction. The three classes of enzymes involved in ubiquitination are the ubiquitin-activating enzymes (E1s), the ubiquitin-conjugating enzymes (E2s) and the ubiquitin-protein ligases (E3s). One of several members of the ubiquitin-conjugating enzyme family, UBE2H functions as an E2 ubiquitin-conjugating enzyme that acts to catalyze the covalent attachment of ubiquitin residues to various proteins, including Histone H2A. UBE2H shares 100% identity with its mouse counterpart and 98% identity with its frog and zebrafish homologs, suggesting a conserved function between species. Multiple isoforms of UBE2H exist due to alternative splicing events.

Function:

Accepts ubiquitin from the E1 complex and catalyzes its covalent attachment to other proteins. In vitro catalyzes 'Lys-11'- and 'Lys-48'-linked polyubiquitination. Capable, in vitro, to ubiquitinate histone H2A.

Similarity:

Belongs to the ubiquitin-conjugating enzyme family.

SWISS:

P62256

Gene ID:

7328

Database links:

[Entrez Gene: 7328](#)Human

[Entrez Gene: 22214](#)Mouse

[Entrez Gene: 296956](#)Rat

[Omim: 601082](#)Human

[SwissProt: P62256](#)Human

[SwissProt: P62257](#)Mouse

[Unigene: 643548](#)Human

[Unigene: 332967](#)Mouse

[Unigene: 391754](#)Mouse

Important Note:

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

