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Datasheet for ABIN1398690

**anti-UBE2H antibody (AA 101-183) (Alexa Fluor 647)**

## Overview

|                      |  |
|----------------------|--|
| Quantity:            | 100 µL   |
| Target:              | UBE2H  |
| Binding Specificity: | AA 101-183   |
| Reactivity:          | Human  |
| Host:                | Rabbit   |
| Clonality:           | Polyclonal   |
| Conjugate:           | This UBE2H antibody is conjugated to Alexa Fluor 647   |
| Application:         | Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

## Product Details

|                       |   |
|-----------------------|---|
| Immunogen:            | KLH conjugated synthetic peptide derived from human Ube2H/UBCH2 |
| Isotype:              | IgG   |
| Predicted Reactivity: | Mouse,Rat,Dog,Cow,Chicken,Rabbit                                |
| Purification:         | Purified by Protein A.  |

## Target Details

|                   |  |
|-------------------|--|
| Target:           | UBE2H  |
| Alternative Name: | Ube2H ( <a href="#">UBE2H Products</a> )   |
| Background:       | Synonyms: E2 20K, Ubc H2, UBC8, UBCH 2, UBCH, UBCH2, Ube2h, UBE2H_HUMAN, Ubiquitin |

## Target Details

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. Background: 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.

Gene ID: 7328

## Application Details

Application Notes: IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

## Handling

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Expiry Date: 12 months