Datasheet for ABIN1416652

# anti-UBE2W antibody (AA 71-151) (HRP)

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## Overview

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| Quantity: | 100 µL |
| Target: | UBE2W |
| Binding Specificity: | AA 71-151 |
| Reactivity: | Mouse, Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This UBE2W antibody is conjugated to HRP |
| Application: | ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)) |

## Product Details

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| Immunogen: | KLH conjugated synthetic peptide derived from human UBE2W |
| Isotype: | IgG |
| Cross-Reactivity: | Mouse, Rat |
| Predicted Reactivity: | Human,Dog,Cow,Sheep,Pig,Horse,Chicken,Rabbit |
| Purification: | Purified by Protein A. |

## Target Details

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| Target: | UBE2W |
| Alternative Name: | UBE2W (UBE2W Products) |

## Target Details

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| Background: | Synonyms: hUBC 16, hUBC16, Probable ubiquitin conjugating enzyme E2 W, Probable ubiquitin-conjugating enzyme E2 W, UBE 2W, ube2w, UBE2W_HUMAN, Ubiquitin carrier protein W, Ubiquitin conjugating enzyme 16, Ubiquitin conjugating enzyme E2 W, Ubiquitin conjugating enzyme E2W, Ubiquitin protein ligase W, Ubiquitin-protein ligase W, FLJ11011.<br>Background: Ubiquitin is an abundant, highly conserved protein found in all eukaryotic cells either free or covalently attached to cellular proteins. 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). As an E2 class enzyme, UBE2W (Ubiquitin-conjugating enzyme E2 W), also known as Ubiquitin carrier protein W, is a 151 amino acid that catalyzes the conjugation of ubiquitin to proteins that are meant for lysosomal degradation. Functioning as a homodimer, UBE2W is widely expressed, with highest levels in testis. There are two isoforms of UBE2W that are produced as a result of alternative splicing events. |
| Gene ID: | 55284 |

## Application Details

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| Application Notes: | IHC-P 1:200-400<br>IHC-F 1:100-500 |
| Restrictions: | For Research Use only |

## Handling

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| 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. |
| Handling Advice: | Do NOT add Sodium Azide! Use of Sodium Azide will inhibit enzyme activity of horseradish peroxidase. |
| Storage: | -20 °C |

## Handling

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| Storage Comment: | Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles. |
| Expiry Date: | 12 months |