

Datasheet for ABIN7271173

**anti-UBE2B antibody**

## 5 Images

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## Overview

Quantity:	100 µL
Target:	UBE2B
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This UBE2B antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

## Product Details

Purpose:	UBE2B Rabbit mAb
Immunogen:	A synthesized peptide derived from human UBE2B.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Monoclonal Antibodies
Purification:	Affinity purification

## Target Details

Target:	UBE2B
Alternative Name:	UBE2B ( <a href="#">UBE2B Products</a> )
Target Type:	Viral Protein

## Target Details

**Background:** 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 E2 ubiquitin-conjugating enzyme family. This enzyme is required for post-replicative DNA damage repair. Its protein sequence is 100 % identical to the mouse, rat, and rabbit homologs, which indicates that this enzyme is highly conserved in eukaryotic evolution. UBE2B, E2-17 kDa, HHR6B, HR6B, RAD6B, UBC2, ubiquitin-conjugating enzyme E2 B, Epigenetics & Nuclear Signaling, Chromatin Modifying Enzymes, Ubiquitination, DNA Damage & Repair, Cancer, Cell Biology & Developmental Biology, Ubiquitin, Ubiquitin-Proteasome Signaling Pathway, Endocrine & Metabolism, Nucleotide metabolism, Purine and pyrimidine synthesis, UBE2B

**Molecular Weight:** 17kDa

**Gene ID:** 7320

**UniProt:** [P63146](#)

## Application Details

**Application Notes:** WB, 1:500 - 1:2000, IHC, 1:50 - 1:200

**Restrictions:** For Research Use only

## Handling

**Format:** Liquid

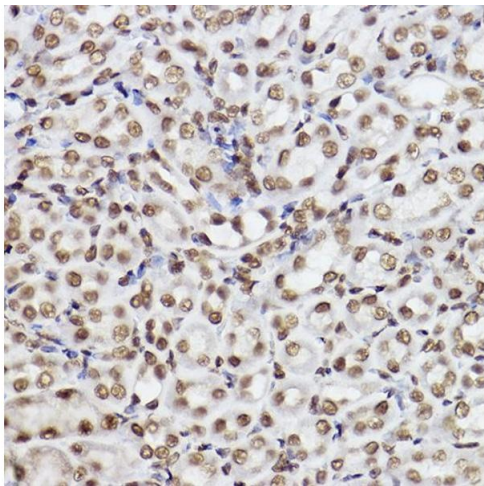
**Buffer:** PBS with 0.02 % sodium azide, 0.05 % BSA, 50 % glycerol, pH 7.3.

**Preservative:** Sodium azide

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

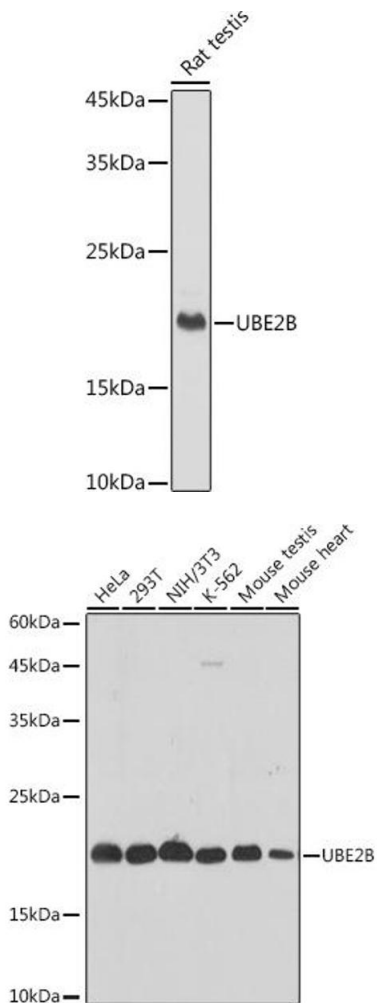
**Storage:** -20 °C

**Storage Comment:** Store at -20°C. Avoid freeze / thaw cycles.



### Immunohistochemistry

**Image 1.** Immunohistochemistry of paraffin-embedded mouse kidney using UBE2B Rabbit mAb (ABIN7271173) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



### Western Blotting

**Image 2.** Western blot analysis of extracts of Rat testis, using UBE2B antibody (ABIN7271173) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 1s.

### Western Blotting

**Image 3.** Western blot analysis of extracts of various cell lines, using UBE2B antibody (ABIN7271173) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 3s.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN7271173.