DATASHEET

# UBE2Z Rabbit Polyclonal Antibody

CAT. NO. APA13765

## KEY FEATURES

| | | | |
|---|---|---|---|
| Target | UBE2Z | Source / Host | Rabbit |
| Reactivity | Human, Mouse, Rat | Clonality | Polyclonal |
| Applications | WB, IHC, IF/ICC | Conjugation | Unconjugated |
| Form / Buffer | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide. | Storage | at-20°C |

## BACKGROUND

Catalyzes the covalent attachment of ubiquitin to other proteins . Specific substrate for UBA6, not charged with ubiquitin by UBE1. May be involved in apoptosis regulation.

## APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

| | |
|---|---|
| WB | 1:500 - 1:2000 |
| IHC | 1:50 - 1:200 |
| IF/ICC | 1:50 - 1:100 |

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

## PRODUCT OVERVIEW

| | |
|---|---|
| Description | Rabbit polyclonal antibody to UBE2Z |
| Specificity | Recognizes endogenous levels of UBE2Z protein. |
| Antibody Type | Primary antibody |
| Immunogen | Recombinant fusion protein of human UBE2Z |
| Purification | The antibody was purified by immunogen affinity chromatography. |
| Molecular Weight | Predicted: 28; Observed: 25; 38 kD |
| Form/Buffer | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide. |
| Alternative Names | Ubiquitin-conjugating enzyme E2 Z; Uba6-specific E2 conjugating enzyme 1; Use1; Ubiquitin carrier protein Z; Ubiquitin-protein ligase Z |
| Gene Symbol | UBE2Z |
| Entrez Gene | 65264(Human); 268470(Mouse); 303478(Rat) |
| SwissProt | Q9H832(Human); Q3UE37(Mouse); Q3B7D1(Rat) |

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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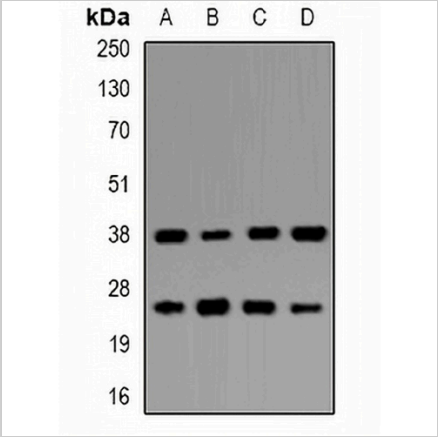
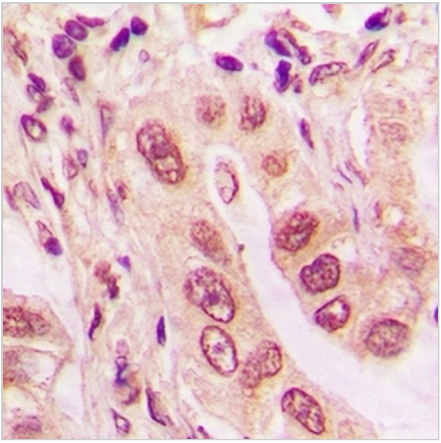
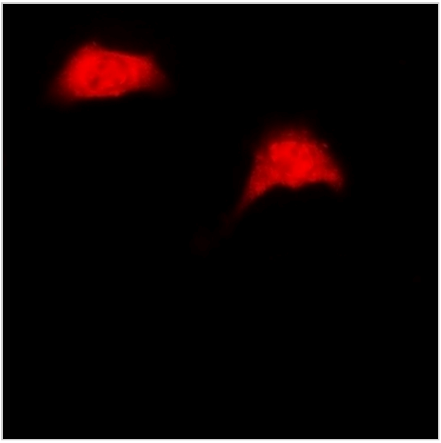
## DATA




Western blot analysis of UBE2Z expression in MCF7 (A), HepG2 (B), mouse pancreas (C), mouse testis (D) whole cell lysates. (Predicted band size: 28; 38 kD; Observed band size: 25; 38 kD)



Immunohistochemical analysis of UBE2Z staining in human lung cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Immunofluorescent analysis of UBE2Z staining in HepG2 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.

## STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

## NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.