

Datasheet for ABIN2460659  
**anti-UBE2N antibody**



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1 Image

## Overview

|              |                                                                          |
|--------------|--------------------------------------------------------------------------|
| Quantity:    | 100 µL                                                                   |
| Target:      | UBE2N                                                                    |
| Reactivity:  | Human, Rat, Mouse, Zebrafish (Danio rerio), Dog, Drosophila melanogaster |
| Host:        | Rabbit                                                                   |
| Clonality:   | Polyclonal                                                               |
| Conjugate:   | This UBE2N antibody is un-conjugated                                     |
| Application: | Western Blotting (WB), ELISA                                             |

## Product Details

|               |                                                                                                        |
|---------------|--------------------------------------------------------------------------------------------------------|
| Immunogen:    | Antibody produced in rabbits immunized with a synthetic peptide corresponding a region of human UBE2N. |
| Purification: | Antibody is purified by protein A chromatography method.                                               |

## Target Details

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target:           | UBE2N                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Alternative Name: | UBE2N ( <a href="#">UBE2N Products</a> )                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Background:       | UBE2N encodes a member of the E2 ubiquitin-conjugating enzyme family. 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. Studies in mouse suggest that this protein plays a role in DNA postreplication repair. The |

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|                   |                                                                                                                                                                                                                                                                                                                     |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Molecular Weight: | 17 kDa                                                                                                                                                                                                                                                                                                              |
| Gene ID:          | 7334                                                                                                                                                                                                                                                                                                                |
| NCBI Accession:   | <a href="#">NP_003339</a>                                                                                                                                                                                                                                                                                           |
| UniProt:          | <a href="#">P61088</a>                                                                                                                                                                                                                                                                                              |
| Pathways:         | <a href="#">TCR Signaling</a> , <a href="#">Fc-epsilon Receptor Signaling Pathway</a> , <a href="#">Activation of Innate immune Response</a> , <a href="#">Toll-Like Receptors Cascades</a> , <a href="#">Positive Regulation of Response to DNA Damage Stimulus</a> , <a href="#">Ubiquitin Proteasome Pathway</a> |

## Application Details

|                    |                                                                                                                                                                                                                                      |
|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Application Notes: | UBE2N antibody can be used for detection of UBE2N by ELISA at 1:1562500. UBE2N antibody can be used for detection of UBE2N by western blot at 2.5 µg/mL, and HRP conjugated secondary antibody should be diluted 1:50,000 - 100,000. |
| Restrictions:      | For Research Use only                                                                                                                                                                                                                |

## Handling

|                  |                                                                                                                   |
|------------------|-------------------------------------------------------------------------------------------------------------------|
| Format:          | Lyophilized                                                                                                       |
| Reconstitution:  | Add 100 µL of distilled water. Final antibody concentration is 1 mg/mL.                                           |
| Concentration:   | 1 mg/mL                                                                                                           |
| Buffer:          | Antibody is lyophilized in PBS buffer with 2 % sucrose.                                                           |
| Handling Advice: | As with any antibody avoid repeat freeze-thaw cycles.                                                             |
| Storage:         | 4 °C/-20 °C                                                                                                       |
| Storage Comment: | For short periods of storage (days) store at 4 °C. For longer periods of storage, store UBE2N antibody at -20 °C. |



Western Blotting

Image 1.