

UBE2D2 rabbit monoclonal antibody

Catalog # H00007322-K

Size 100 ug x up to 3

Specification

| | |
|-------------------------|--|
| Product Description | Rabbit monoclonal antibody raised against a human UBE2D2 peptide using ARM Technology. |
| Immunogen | A synthetic peptide of human UBE2D2 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence. |
| Host | Rabbit |
| Library Construction | Non-fusion antibody library from rabbit spleen (ARM Technology). |
| Expression | Overexpression vector and transfection into 293H cell line. |
| Reactivity | Human |
| Purification | Protein A |
| Isotype | IgG |
| Quality Control Testing | Antibody reactive against human UBE2D2 peptide by ELISA and mammalian transfected lysate by Western Blot. |
| Storage Buffer | In 1x PBS, pH 7.4 |
| Storage Instruction | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing. |
| Deliverable | Up to three rabbit IgG clones of 100 ug each will be delivered to customer. |
| Note | 1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request. |

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — UBE2D2

| | |
|---------------------|--|
| Entrez GeneID | 7322 |
| GeneBank Accession# | UBE2D2 |
| Gene Name | UBE2D2 |
| Gene Alias | E2(17)KB2, PUBC1, UBC4, UBC4/5, UBCH5B |
| Gene Description | ubiquitin-conjugating enzyme E2D 2 (UBC4/5 homolog, yeast) |
| Omim ID | 602962 |
| Gene Ontology | Hyperlink |
| Gene Summary | 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 functions in the ubiquitination of the tumor-suppressor protein p53, which is induced by an E3 ubiquitin-protein ligase. Two alternatively spliced transcript variants have been found for this gene and they encode distinct isoforms. [provided by RefSeq] |
| Other Designations | ubiquitin carrier protein ubiquitin-conjugating enzyme E2 D2 ubiquitin-conjugating enzyme E2-17 kDa 2 ubiquitin-conjugating enzyme E2D 2 ubiquitin-conjugating enzyme E2D 2 (homologous to yeast UBC4/5) |

Pathway

- [Ubiquitin mediated proteolysis](#)

Disease

- [Cardiovascular Diseases](#)
- [Chromosome Deletion](#)
- [Diabetes Mellitus](#)
- [Edema](#)

- [Myelodysplastic Syndromes](#)