

DNAXPAb

Hard-to-Find  
Antibody

# UBE2D2 DNAXPab

Catalog # H00007322-W01P      Size 200 ug

## Specification

|                                |                                                                                                                                                           |
|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Description</b>     | Rabbit polyclonal antibody raised against a full-length human UBE2D2 DNA using DNAX™ Immune technology.                                                   |
| <b>Technology</b>              | <a href="#">DNAX™ Immune</a>                                                                                                                              |
| <b>Immunogen</b>               | Full-length human DNA                                                                                                                                     |
| <b>Sequence</b>                | MALKRIHKELNDLARDPPAQCSAGPVGDDMFHWQATIMGPNDSPYQGGVFFLTIHFPTDYPFKP<br>PKVAFTRRYHPNINSNGSICLDILRSQWSPALTISKVLLSICSLLCDPNPDDPLVPEIARYKTDREKY<br>NRIAREWTQKYAM |
| <b>Host</b>                    | Rabbit                                                                                                                                                    |
| <b>Reactivity</b>              | Human                                                                                                                                                     |
| <b>Purification</b>            | Protein A                                                                                                                                                 |
| <b>Quality Control Testing</b> | Antibody reactive against mammalian transfected lysate.                                                                                                   |
| <b>Storage Buffer</b>          | In 1x PBS, pH 7.4                                                                                                                                         |
| <b>Storage Instruction</b>     | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.                                                                                  |

## Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

## Gene Info — UBE2D2

Entrez GeneID [7322](#)

GeneBank Accession# [NM\\_003339.2](#)

Protein Accession# [NP\\_003330.1](#)

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](#)