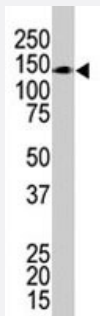


# UBE4B polyclonal antibody

Catalog # PAB1930

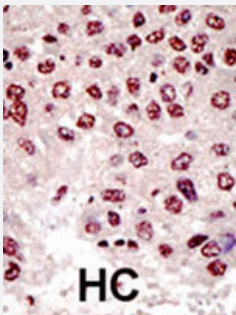
Size 400 uL

## Applications



### Western Blot (Tissue lysate)

The UBE4B polyclonal antibody (Cat # PAB1930) is used in Western blot to detect UBE4B in mouse kidney tissue lysate.



### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Formalin-fixed and paraffin-embedded human hepatocellular carcinoma tissue reacted with UBE4B polyclonal antibody (Cat # PAB1930), which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.

## Specification

|                            |   |
|----------------------------|---|
| <b>Product Description</b> | Rabbit polyclonal antibody raised against synthetic peptide of UBE4B.                 |
| <b>Immunogen</b>           | A synthetic peptide (conjugated with KLH) corresponding to N-terminus of human UBE4B. |
| <b>Host</b>                | Rabbit  |
| <b>Reactivity</b>          | Human, Mouse  |
| <b>Form</b>                | Liquid  |
| <b>Purification</b>        | Protein G purification  |

|                            |  |
|----------------------------|--|
| <b>Recommend Usage</b>     | Western Blot (1:1000)<br>Immunohistochemistry (1:50-100)<br>The optimal working dilution should be determined by the end user. |
| <b>Storage Buffer</b>      | In PBS (0.09% sodium azide)  |
| <b>Storage Instruction</b> | Store at 4°C. For long term storage store at -20°C.<br>Aliquot to avoid repeated freezing and thawing.                         |
| <b>Note</b>                | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.         |

## Applications

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## Gene Info — UBE4B

|                           |   |
|---------------------------|---|
| <b>Entrez GeneID</b>      | <a href="#">10277</a>   |
| <b>Protein Accession#</b> | <a href="#">NP_006039:O95155</a>  |
| <b>Gene Name</b>          | UBE4B   |
| <b>Gene Alias</b>         | E4, HDNB1, KIAA0684, UBOX3, UFD2  |
| <b>Gene Description</b>   | ubiquitination factor E4B (UFD2 homolog, yeast)   |
| <b>Gene Ontology</b>      | <a href="#">Hyperlink</a>   |
| <b>Gene Summary</b>       | 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 an additional conjugation factor, E4, which is involved in multiubiquitin chain assembly. This gene is also the strongest candidate in the neuroblastoma tumor suppressor genes. Alternatively spliced transcript variants encoding distinct isoforms have been found for this gene. [provided by RefSeq] |

**Other Designations**

OTTHUMP00000001726|OTTHUMP00000001727|homologous to yeast UFD2|homozygously deleted in neuroblastoma-1|ubiquitin-fusion degradation protein 2|ubiquitination factor E4B|ubiquitination factor E4B (homologous to yeast UFD2)

**Publication Reference**

- [Prediction of the coding sequences of unidentified human genes. X. The complete sequences of 100 new cDNA clones from brain which can code for large proteins in vitro.](#)

K Ishikawa, T Nagase, M Suyama, N Miyajima, A Tanaka, H Kotani, N Nomura, O Ohara.

DNA Research 1998 Jun; 5(3):169.

**Pathway**

- [Ubiquitin mediated proteolysis](#)

**Disease**

- [Carcinoma](#)
- [Genetic Predisposition to Disease](#)
- [Hepatitis B](#)
- [Liver Neoplasms](#)