



## Datasheet for ABIN2785770 anti-UBE4B antibody (N-Term)

### 1 Image

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### Overview

Quantity: 100 µL

Target: UBE4B

Binding Specificity: N-Term

Reactivity: Human, Dog, Pig

Host: Rabbit

Clonality: Polyclonal

Conjugate: This UBE4B antibody is un-conjugated

Application: Western Blotting (WB)

### Product Details

Immunogen: The immunogen is a synthetic peptide directed towards the N terminal region of human UBE4B

Sequence: SPMFCSVASF GASSLSSLYE SSPAPTPSFW SSVPVMGPSL ASPSRAASQL

Predicted Reactivity: Dog: 79%, Human: 100%, Pig: 79%

Characteristics: This is a rabbit polyclonal antibody against UBE4B. It was validated on Western Blot using a cell lysate as a positive control.

Purification: Affinity Purified

### Target Details

Target: UBE4B

Alternative Name: UBE4B ([UBE4B Products](#))

## Target Details

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Background:	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. UBE4B is an additional conjugation factor, E4, which is involved in multiubiquitin chain assembly. The gene that encodes the protein is also the strongest candidate in the neuroblastoma tumor suppressor genes. 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.
	Alias Symbols: E4, HDNB1, KIAA0684, UBOX3, UFD2, UFD2A
	Protein Interaction Partner: TRIP12, UBC, FBXW11, HGS, STAM, TP53, MDM2, NUSAP1, NUDCD3, RBM12, PDE3A, CDKN2A, UBL7, UBE2D3, CDC27, TTK, IGBP1, HDLBP, TTC9C, MRPL53, ZFYVE19, SARNP, SRPRB, VPS35, UBA6, VPS29, UFM1, SBDS, VPS36, UBQLN1, UBXN7, UBE2C, AHCYL1, SSSCA1, SF3B4, PPIF, SCO2,
	Protein Size: 1302
Molecular Weight:	146 kDa
Gene ID:	10277
NCBI Accession:	<a href="#">NM_001105562</a> , <a href="#">NP_001099032</a>
UniProt:	<a href="#">O95155</a>

## Application Details

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Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 1302 AA
Restrictions:	For Research Use only

## Handling

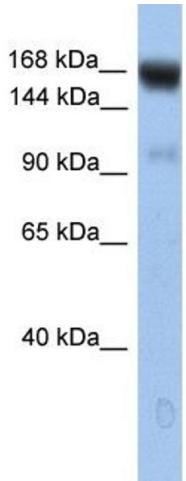
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Format:	Liquid
Concentration:	Lot specific

## Handling

Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

## Images



**Western Blotting**

**Image 1. WB Suggested Anti-UBE4B Antibody Titration:**

0.2-1 ug/ml

**Positive Control:** Human brain