

## Product datasheet for **TA335000**

### UBE4B Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-UBE4B antibody: synthetic peptide directed towards the N terminal of human UBE4B. Synthetic peptide located within the following region: SPMFCSVASFGASSLSSLYESSPAPTPSFWSSVPVMGPSLASPSRAASQL
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	146 kDa
Gene Name:	ubiquitination factor E4B
Database Link:	<a href="#">NP_001099032</a> <a href="#">Entrez Gene 10277 Human O95155</a>



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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.

**Synonyms:**

E4; HDNB1; UBOX3; UFD2; UFD2A

**Note:**

Immunogen Sequence Homology: Human: 100%; Dog: 79%; Pig: 79%

**Protein Pathways:**

Ubiquitin mediated proteolysis

**Product images:**

WB Suggested Anti-UBE4B Antibody Titration:  
0.2-1 ug/ml; Positive Control: Human brain