

## Datasheet: VPA00346

<b>Description:</b>	RABBIT ANTI UBE4B
<b>Specificity:</b>	UBE4B
<b>Format:</b>	Purified
<b>Product Type:</b>	PrecisionAb™ Polyclonal
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	100 µl

## Product Details

### Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit [www.bio-rad-antibodies.com/protocols](http://www.bio-rad-antibodies.com/protocols).

	Yes	No	Not Determined	Suggested Dilution
Western Blotting	▪			1/1000

**PrecisionAb antibodies have been extensively [validated for the western blot application](#).** The antibody has been validated at the suggested dilution. Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Further optimization may be required dependant on sample type.

<b>Target Species</b>	Human
<b>Product Form</b>	Ig fraction - liquid
<b>Preparation</b>	Rabbit Ig fraction prepared by ammonium sulphate precipitation
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	0.09% Sodium Azide (NaN <sub>3</sub> )
<b>Immunogen</b>	KLH-conjugated synthetic peptide corresponding to aa 112-142 of human UBE4B
<b>External Database Links</b>	<p><b>UniProt:</b>  <a href="#">O95155</a>   <a href="#">Related reagents</a></p> <p><b>Entrez Gene:</b>  <a href="#">10277</a>   UBE4B   <a href="#">Related reagents</a></p>
<b>Synonyms</b>	HDNB1, KIAA0684, UFD2
<b>Specificity</b>	<b>Rabbit anti Human UBE4B antibody</b> recognizes UBE4B, also known as UBOX3, UFD2A-III/UBE4B-III splice isoform, homologous to yeast UFD2, homozygously deleted in neuroblastoma-1, ubiquitin conjugation factor E4B, ubiquitin-fusion degradation protein 2 and

ubiquitination factor E4B (homologous to yeast UFD2).

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. The UBE4B gene encodes an additional conjugation factor, E4, which is involved in multi-ubiquitin chain assembly. UBE4B is also the strongest neuroblastoma tumor suppressor gene. Alternatively spliced transcript variants encoding distinct isoforms have been found for UBE4B (provided by RefSeq, Jul 2008).

Rabbit anti Human UBE4B antibody detects a band of 140 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

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<b>Western Blotting</b>	Anti UBE4B detects a band of approximately 140 kDa in K562 cell lysate
<b>Instructions For Use</b>	Please refer to the <a href="#">PrecisionAb western blotting protocol</a> . For additional information on secondary antibody dilution and exposure time see product web page.
<b>Storage</b>	Store undiluted at -20°C, avoiding repeated freeze thaw cycles
<b>Guarantee</b>	As supplied, 12 months from date of despatch
<b>Acknowledgements</b>	PrecisionAb™ is a trademark of Bio-Rad Laboratories
<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10040 available at: Antibody (10040): <a href="https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf">https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf</a>
<b>Regulatory</b>	For research purposes only

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## Related Products

### Recommended Secondary Antibodies

Goat Anti Rabbit IgG (H/L) (STAR208...) [HRP](#)

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