

Datasheet: AHP2039

**BATCH NUMBER 152853**

<b>Description:</b>	RABBIT ANTI HUWE1
<b>Specificity:</b>	HUWE1
<b>Format:</b>	Purified
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	50 µg

## 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
Flow Cytometry			▪	
Immunohistology - Frozen			▪	
Immunohistology - Paraffin	▪			5ug/ml
ELISA			▪	
Immunoprecipitation			▪	
Western Blotting	▪			2ug/ml
Functional Assays			▪	

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

### Target Species

Human

### Species Cross Reactivity

Reacts with: Mouse, Rat

**N.B.** Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.

### Product Form

Purified IgG - liquid

### Antiserum Preparation

Antiserum to human HUWE1 was raised by repeated immunisation of rabbits with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.

<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	0.02% Sodium Azide (NaN <sub>3</sub> )
<b>Approx. Protein Concentrations</b>	Total protein concentration 1.0mg/ml
<b>Immunogen</b>	A synthetic peptide corresponding to an 19 amino acid sequence from near the carboxy terminal of human HUWE1.
<b>External Database Links</b>	<p><b>UniProt:</b>  <a href="#">Q7Z6Z7</a>    <a href="#">Related reagents</a></p> <p><b>Entrez Gene:</b>  <a href="#">10075</a> HUWE1    <a href="#">Related reagents</a></p>
<b>Synonyms</b>	KIAA0312, KIAA1578, UREB1
<b>RRID</b>	AB_2280108
<b>Specificity</b>	<p><b>Rabbit anti Human HUWE1 antibody</b> recognizes human E3 ubiquitin-protein ligase HUWE1, also known as HUWE1, ARF-binding protein 1, ARF-BP1, HECT, UBA and WWE domain-containing protein 1, Homologous to E6AP carboxyl terminus homologous protein 9, HectH9, Large structure of UREB1, LASU1, Mcl-1 ubiquitin ligase E3, Mule or Upstream regulatory element-binding protein 1. HUWE1 is a 4374 amino acid DNA binding protein with a predicted molecular mass of ~480 kDa.</p> <p>HUWE1 is an E3 ubiquitin-protein ligase involved in mediating ubiquitination and subsequent proteasomal degradation of target proteins. HUWE1 is also involved in apoptosis through catalyzation of the poly-ubiquitination and degradation of MCL1, ubiquitination of the p53 tumor suppressor and core histones including H1, H2A, H2B, H3 and H4. Binds to an upstream initiator-like sequence in the preprodynorphin gene. Research indicates that HUWE1 regulates the abundance of CDC6 after DNA damage by polyubiquitinating and targeting CDC6 to degradation (<a href="#">Hall et al. 2007</a>).</p>
<b>Immunohistology</b>	This product does not require protein digestion pre-treatment of paraffin sections. This product does not require antigen retrieval using heat treatment prior to staining of paraffin sections.
<b>Histology Positive Control Tissue</b>	Human brain (cortex) or human heart
<b>Storage</b>	<p>Store at +4°C or at -20°C if preferred.</p> <p>Storage in frost-free freezers is not recommended.</p> <p>This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.</p>

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<b>Guarantee</b>	12 months from date of despatch
<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10040 available at: <a href="https://www.bio-rad-antibodies.com/SDS/AHP2039">https://www.bio-rad-antibodies.com/SDS/AHP2039</a> 10040
<b>Regulatory</b>	For research purposes only

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## Related Products

### Recommended Useful Reagents

[ANTIGEN RETRIEVAL BUFFER, pH8.0 \(BUF025A\)](#)

[TidyBlot WESTERN BLOT DETECTION REAGENT:HRP \(STAR209P\)](#)

**North & South** Tel: +1 800 265 7376

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To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://www.bio-rad-antibodies.com/datasheets)

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