

Datasheet: AHP2039

Description:	RABBIT ANTI HUWE1
Specificity:	HUWE1
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	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.

	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.

Buffer Solution

Phosphate buffered saline

Preservative Stabilisers	<0.1% Sodium Azide (NaN ₃)
Approx. Protein Concentrations	Total protein concentration 1.0mg/ml
Immunogen	A synthetic peptide corresponding to an 19 amino acid sequence from near the carboxy terminal of human HUWE1.
External Database Links	<p>UniProt: Q7Z6Z7 Related reagents</p> <p>Entrez Gene: 10075 HUWE1 Related reagents</p>
Synonyms	KIAA0312, KIAA1578, UREB1
RRID	AB_2280108
Specificity	<p>Rabbit anti Human HUWE1 antibody 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 (Hall et al. 2007).</p>
Immunohistology	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.
Histology Positive Control Tissue	Human brain (cortex) or human heart
Storage	<p>This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C.</p> <p>Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.</p>

Guarantee 12 months from date of despatch

Health And Safety Information Material Safety Datasheet documentation #10040 available at:
<https://www.bio-rad-antibodies.com/SDS/AHP2039>
10040

Regulatory For research purposes only

Related Products

Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (STAR54...) [HRP](#)

Recommended Useful Reagents

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

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

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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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