


Product datasheet

Anti-UBE4B antibody ab97697

★★★★☆ [1 Abreviews](#) [3 References](#) [2 Images](#)

Overview

Product name	Anti-UBE4B antibody
Description	Rabbit polyclonal to UBE4B
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Cow, Zebrafish 
Immunogen	Recombinant fragment containing a sequence corresponding to a region within amino acids 740-1020 of Human UBE4B (NP_006039).
Positive control	HepG2 whole cell lysate (ab7900); CA922 xenograft; 293T, A431, H1299, HeLa, Molt-4 and Raji cell lysates
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.00 Preservative: 0.01% Thimerosal (merthiolate) Constituents: 1.21% Tris, 0.75% Glycine, 10% Glycerol (glycerin, glycerine)
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab97697 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/500 - 1/3000. Predicted molecular weight: 133 kDa.
IHC-P	★★★★★ (1)	1/100 - 1/500.

Target

Function

Binds to the ubiquitin moieties of preformed conjugates and catalyzes ubiquitin chain assembly in conjunction with E1, E2, and E3.

Tissue specificity

Highest expression in ovary, testis, heart and skeletal muscle. Expression is low in colon, thymus and peripheral blood leukocytes. Almost undetectable in lung and spleen.

Sequence similarities

Belongs to the ubiquitin conjugation factor E4 family.
Contains 1 U-box domain.

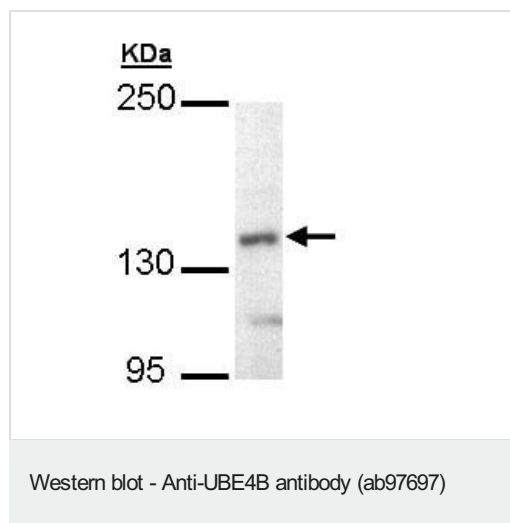
Post-translational modifications

Proteolytically cleaved by caspases during apoptosis. Cleaved efficiently at Asp-123 by caspase-6 and granzyme B. Cleaved with approximately 10-fold less efficiency at Asp-109 by caspase-3 and caspase-7.

Cellular localization

Cytoplasm.

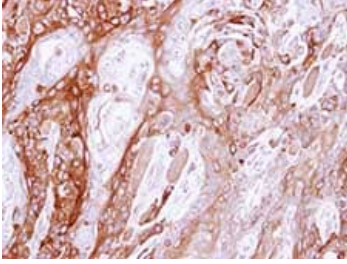
Images



Anti-UBE4B antibody (ab97697) at 1/10000 dilution + HepG2 whole cell lysate at 30 µg

Predicted band size: 133 kDa

5% SDS PAGE



Immunohistochemical analysis of UBE4B in paraffin-embedded CA922 xenograft, using ab97697 at 1/500 dilution.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-UBE4B antibody (ab97697)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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- Replacement or refund for products not performing as stated on the datasheet
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- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

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- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors