

Product datasheet

Anti-UBE4B antibody [EPR7471] ab126759

Recombinant **RabMAb**

★★★★☆ 2 Abreviews 2 References 3 Images

Overview

Product name	Anti-UBE4B antibody [EPR7471]
Description	Rabbit monoclonal [EPR7471] to UBE4B
Host species	Rabbit
Tested applications	Suitable for: WB Unsuitable for: Flow Cyt, ICC, IHC-P or IP
Species reactivity	Reacts with: Mouse, Rat, Human
Immunogen	Synthetic peptide within Human UBE4B aa 1-100. The exact sequence is proprietary.
Positive control	WB: 293T, Raji, SK OV 3, L929, L6, RAW264.7, PC12, NIH 3T3, HeLa, and K562 cell lysates.
General notes	This product is a recombinant monoclonal antibody, which offers several advantages including: <ul style="list-style-type: none"> - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production For more information see here . Our RabMAb [®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents .

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
Storage buffer	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 9% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA, 50% Tissue culture supernatant
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR7471
Isotype	IgG

Applications

The Abpromise guarantee

Our [Abpromise guarantee](#) covers the use of ab126759 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)	1/1000 - 1/10000. Predicted molecular weight: 146 kDa.

Application notes

Is unsuitable for Flow Cyt, ICC, IHC-P or IP.

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.

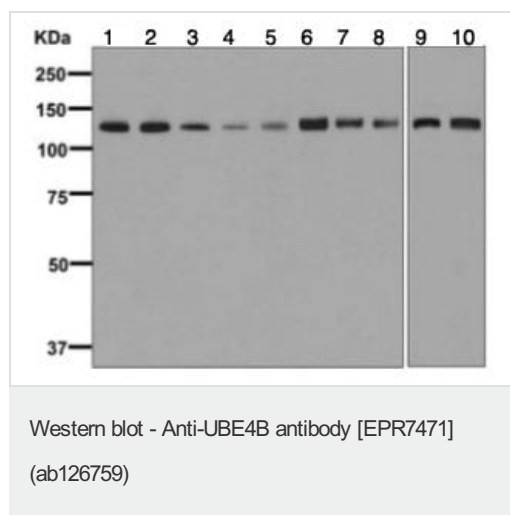
Post-translational modifications

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



All lanes : Anti-UBE4B antibody [EPR7471] (ab126759) at 1/1000 dilution

Lane 1 : 293T cell lysate

Lane 2 : Raji cell lysate

Lane 3 : SK OV 3 cell lysate

Lane 4 : L929 cell lysate

Lane 5 : L6 cell lysate

Lane 6 : RAW264.7 cell lysate

Lane 7 : PC12 cell lysate

Lane 8 : NIH 3T3 cell lysate

Lane 9 : HeLa cell lysate

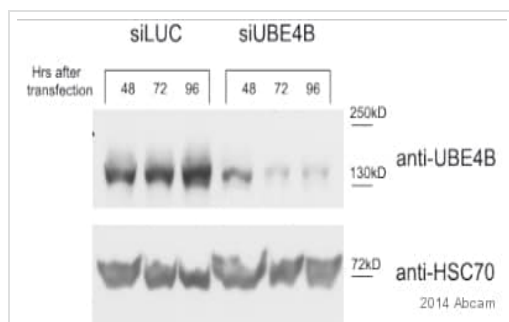
Lane 10 : K562 cell lysate

Lysates/proteins at 10 µg per lane.

Secondary

All lanes : HRP-conjugated goat anti-rabbit at 1/2000 dilution

Predicted band size: 146 kDa



Western blot - Anti-UBE4B antibody [EPR7471]

(ab126759)

This image is courtesy of an anonymous Abreview

Western blot analysis of Human 293NT whole cell lysate labeling UBE4B with ab126759 at 1/2000. A HRP-conjugated goat anti-rabbit IgG polyclonal (1/20000) was used as the secondary antibody.

siRNA against UBE4B was used to show for antibody specificity.

Unspecific siRNA (siLUC) was used as a negative control.

Why choose a recombinant antibody?

- Research with confidence**
Consistent and reproducible results
- Long-term and scalable supply**
Recombinant technology
- Success from the first experiment**
Confirmed specificity
- Ethical standards compliant**
Animal-free production

Anti-UBE4B antibody [EPR7471] (ab126759)

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

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- 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.

Terms and conditions

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