

Datasheet: VPA00111KT

Description:	UBE2 L3 ANTIBODY WITH CONTROL LYSATE
Specificity:	UBE2 L3
Format:	Purified
Product Type:	PrecisionAb Polyclonal
Isotype:	Polyclonal IgG
Quantity:	2 Westerns

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
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.

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

Preparation

20µl Goat polyclonal antibody purified by affinity chromatography

Buffer Solution

TRIS buffered saline

Preservative Stabilisers

0.02% Sodium Azide (NaN₃) 0.5 % BSA

Immunogen

Peptide with the sequence C-EFTKKYGEKRPVD, from the C Terminus of the protein

sequence.

External Database**Links****UniProt:**[P68036](#)[Related reagents](#)**Entrez Gene:**[7332](#)

UBE2L3

[Related reagents](#)

Synonyms

UBCE7, UBCH7

Specificity

Goat anti Human UBE2 L3 antibody recognizes the ubiquitin-conjugating enzyme E2 L3, also known as L-UBC, Ubch7, ubiquitin carrier protein L3, ubiquitin-conjugating enzyme E2-F1 or ubiquitin-protein ligase L3.

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 (E1s), ubiquitin-conjugating enzymes (E2s) and ubiquitin-protein ligases (E3s). Encoded by the UBE2L3 gene, ubiquitin-conjugating enzyme E2 L3 is a member of the E2 ubiquitin-conjugating enzyme family. This enzyme is demonstrated to participate in the ubiquitination of p53, c-Fos, and the NF- κ B precursor p105 *in vitro*. Several alternatively spliced transcript variants have been found for UBE2L3 (provided by RefSeq, Sep 2009).

Goat anti Human UBE2 L3 antibody detects a band of 18 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

Western Blotting

Anti UBE2 L3 detects a band of approximately 18 kDa in K562 cell lysates.

Instructions For Use

Please refer to the [PrecisionAb western blotting protocol](#). For additional information on secondary antibody dilution and exposure time see product web page.

Lysate Composition

400 μ g K562 lysate lyophilized in RIPA buffer.

Lysate Reconstitution

- If using DDT reconstitute the lyophilized lysate with 190 μ l DI H₂O, add 200 μ l 2x Laemmli Sample Buffer and 10 μ l 2M DTT.

- If using BME reconstitute the lyophilized lysate with 180 μ l DI H₂O, add 200 μ l 2x Laemmli Sample Buffer and 20 μ l BME.

Heat at 95°C for 5 minutes. For 10 well mini gels load 25 μ l. For other gel and comb formats please refer to the PrecisionAb western blotting protocol.

Storage

Antibody: Store undiluted at -20°C, avoiding repeated freeze thaw cycles.

Lysate: Store lyophilized lysate at -20°C. After reconstitution aliquot and store at -20°C for up to 3 months or at -80°C for longer term storage.

Guarantee

As supplied, 12 months from date of despatch.

Acknowledgements PrecisionAb™ is a trademark of Bio-Rad Laboratories.

Health And Safety Information Material Safety Datasheet documentation #10058 #10561 available at:
Antibody (10058): <https://www.bio-rad-antibodies.com/uploads/MSDS/10058.pdf>
Lysate Material (10561): <https://www.bio-rad-antibodies.com/uploads/MSDS/10561.pdf>

Regulatory For research purposes only

Related Products

Recommended Secondary Antibodies

Donkey Anti Sheep IgG (STAR88...) [HRP](#)

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