Overview

Product name: Anti-USP15 antibody
Description: Rabbit polyclonal to USP15
Host species: Rabbit
Tested applications: Suitable for: WB, IHC-P, ICC/IF
Species reactivity: Reacts with: Human
Immunogen: Synthetic peptide corresponding to a region within amino acids 941-952 of Human USP15 (NP_006304).
Positive control: WB: 293T, A431, H1299, HeLa, MOLT4 and Raji cell lines IHC-P: N87 xenograft

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: 0.025% Proclin
Constituents: PBS, 20% Glycerol
Purity: Immunogen affinity purified
Clonality: Polyclonal
Isotype: IgG

Applications

Our Abpromise guarantee covers the use of ab97533 in the following tested applications.
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

<table>
<thead>
<tr>
<th>Application</th>
<th>Abreviews</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>IHC-P</td>
<td></td>
<td>1/100 - 1/250.</td>
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</table>
Function

Protease that degrades 'Lys-48'-linked polyubiquitin chains. Protects target proteins against proteasomal degradation. Protects APC and human papillomavirus type 16 protein E6 against degradation via the ubiquitin proteasome pathway.

Tissue specificity

Expressed in skeletal muscle, kidney, heart, placenta, liver, thymus, lung, and ovary, with little or no expression in other tissues.

Sequence similarities

Belongs to the peptidase C19 family.
Contains 1 DUSP domain.

Post-translational modifications

Phosphorylated. Phosphorylation protects against ubiquitination and subsequent degradation by the proteasome.
Ubiquitinated, leading to degradation by the proteasome.

Images

Anti-USP15 antibody (ab97533) at 1/1000 dilution + MOLT4 whole cell lysate at 30 µg

**Predicted band size:** 112 kDa

7.5% SDS PAGE
Immunofluorescence analysis of paraformaldehyde-fixed A431, using USP15(GTX104644) antibody at 1:200 dilution.

Immunohistochemical analysis of USP15 in paraffin embedded N87 xenograft, using ab97533 at a 1/100 dilution.

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