Product datasheet

Anti-USP51 antibody ab121147

Overview

Product name: Anti-USP51 antibody
Description: Rabbit polyclonal to USP51
Host species: Rabbit
Tested applications: Suitable for: ICC/IF, IHC-P
Species reactivity: Reacts with: Human
Predicted to work with: Horse, Pig, Gorilla

Immunogen:
Recombinant fragment: LRLIYQRFVW SGTPETRKAKSCICHVCS THMNRLHSLSCVFFGCFTKHIHKHAETKQOHHLAVDVHGVIYCFMCKDYVYDKDEIQAKETKEKILRLLTSTDVS HQQFMSTGFE DKQSTCETKE QEP, corresponding to internal sequence amino acids 211-343 of Human USP51 (UniProt ID: Q70EK9).

Positive control:
IHC-P: Human pancreas tissue WB: Human RT-4, U-251 MG, A-431, liver, and tonsil lysates

Properties

Form: Liquid
Storage instructions: Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer:
pH: 7.20
Preservative: 0.02% Sodium azide
 Constituents: 59% PBS, 40% Glycerol

Purity: Immunogen affinity purified
Clonality: Polyclonal
Isotype: IgG

Applications

Our Abpromise guarantee covers the use of ab121147 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.
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<th>Abreviews</th>
<th>Notes</th>
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<td>ICC/IF</td>
<td></td>
<td>Use a concentration of 1 - 4 µg/ml. Recommend PFA Fixation and Triton X-100 treatment.</td>
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<tr>
<td>IHC-P</td>
<td></td>
<td>1/50 - 1/200. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.</td>
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**Target**

- **Tissue specificity**: Expressed in prostate, brain, lung, aorta and kidney.
- **Sequence similarities**: Belongs to the peptidase C19 family. Contains 1 UBP-type zinc finger.

**Images**

- **Immunocytochemistry/ Immunofluorescence - Anti-USP51 antibody (ab121147)**: Immunofluorescent staining of Human cell line A-431 shows positivity in cytoplasm. Recommended concentration of ab121147 1-4 µg/ml. Cells treated with PFA/Triton X-100.

- **Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-USP51 antibody (ab121147)**: Immunohistochemical staining of paraffin embedded Human pancreas tissue, using ab121147 at a 1/100 dilution. The image shows strong cytoplasmic positivity in exocrine glandular cells.
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