**Product datasheet**

**Anti-UCK2 antibody ab60222**

**Overview**

- **Product name**: Anti-UCK2 antibody
- **Description**: Rabbit polyclonal to UCK2
- **Host species**: Rabbit
- **Tested applications**: Suitable for: ELISA, IHC-P
- **Species reactivity**: Reacts with: Human
- **Immunogen**: KLH conjugated synthetic peptide selected from the C-terminal region of human UCK2.
- **Positive control**: Human breast carcinoma tissue.

**Properties**

- **Form**: Liquid
- **Storage instructions**: Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
- **Storage buffer**: Preservative: 0.09% Sodium azide
  Constituent: PBS
- **Purity**: Protein G purified
- **Clonality**: Polyclonal
- **Isotype**: IgG

**Applications**

Our Abpromise guarantee covers the use of ab60222 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>ELISA</td>
<td></td>
<td>1/1000.</td>
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<tr>
<td>IHC-P</td>
<td></td>
<td>1/50 - 1/100.</td>
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Relevance

UCK2 phosphorylates uridine and cytidine to uridine monophosphate and cytidine monophosphate. This is the first step in the production of the pyrimidine nucleoside triphosphates required for RNA and DNA synthesis. Does not phosphorylate deoxyribonucleosides or purine ribonucleosides.

Cellular localization

Cytosol

Images

Ab60222 (1:50) staining human UCK2 in human breast carcinoma tissue by immunohistochemistry using formalin fixed, paraffin embedded tissue.

Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by AEC staining.

BC = breast carcinoma

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