




Product datasheet

Anti-HINT2 antibody ab220935

2 Images

Overview

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|                            |   |
|----------------------------|---|
| <b>Product name</b>        | Anti-HINT2 antibody   |
| <b>Description</b>         | Rabbit polyclonal to HINT2  |
| <b>Host species</b>        | Rabbit  |
| <b>Tested applications</b> | <b>Suitable for:</b> ICC/IF, IHC-P  |
| <b>Species reactivity</b>  | <b>Reacts with:</b> Human<br><b>Predicted to work with:</b> Mouse, Rat, Cow    |
| <b>Immunogen</b>           | Recombinant fragment corresponding to Human HINT2 aa 33-84.<br>Sequence:<br>GVTDGNEVAKAQQATPGGAAPTIFSRILDKSLPADILYE<br>DQQCLVFRDVA PQ<br><br>Database link: <a href="#">Q9BX68</a><br><br> <a href="#">Run BLAST with</a>  <a href="#">Run BLAST with</a> |
| <b>Positive control</b>    | Human kidney tissue; U-2 OS cells.  |

Properties

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|                             |   |
|-----------------------------|---|
| <b>Form</b>                 | Liquid  |
| <b>Storage instructions</b> | Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle. |
| <b>Storage buffer</b>       | pH: 7.20<br>Preservative: 0.02% Sodium azide<br>Constituents: 40% Glycerol, 59% PBS   |
| <b>Purity</b>               | Immunogen affinity purified   |
| <b>Clonality</b>            | Polyclonal  |
| <b>Isotype</b>              | IgG   |

Applications

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Our [Abpromise guarantee](#) covers the use of **ab220935** in the following tested applications.

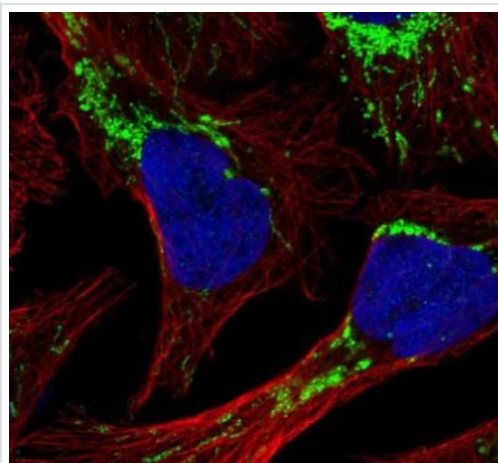
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| Application | Abreviews | Notes  |
|-------------|-----------|--|
| ICC/IF      |           | Use a concentration of 1 - 4 µg/ml.<br>Fixation/Permeabilization: PFA/Triton X-100.  |
| IHC-P       |           | 1/50 - 1/200. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol. |

## Target

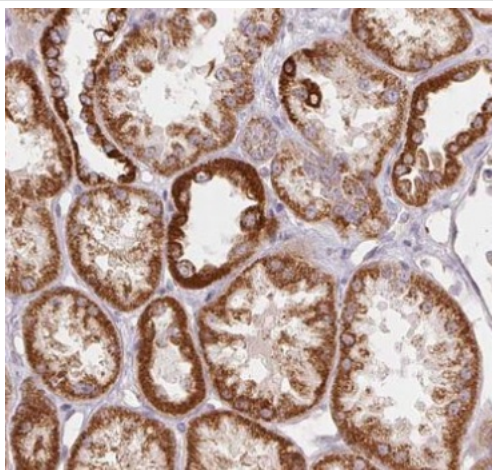
|                              |   |
|------------------------------|---|
| <b>Function</b>              | Hydrolase probably involved in steroid biosynthesis. May play a role in apoptosis. Has adenosine phosphoramidase activity.    |
| <b>Tissue specificity</b>    | High expression in liver and pancreas. Expression is significantly down-regulated in hepatocellular carcinoma (HCC) patients. |
| <b>Sequence similarities</b> | Belongs to the HINT family.<br>Contains 1 HIT domain.   |
| <b>Domain</b>                | The histidine triad, also called HIT motif, forms part of the binding loop for the alpha-phosphate of purine mononucleotide.  |
| <b>Cellular localization</b> | Mitochondrion.  |

## Images



Immunofluorescent analysis of PFA-fixed/Triton X-100 permeabilized U-2 OS cells labeling HINT2 with ab220935 at 4 µg/mL (green).

Immunocytochemistry/ Immunofluorescence - Anti-HINT2 antibody (ab220935)



Immunohistochemical analysis of paraffin-embedded human kidney tissue labeling HINT2 with ab220935 at 1/50 dilution.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-HINT2 antibody (ab220935)

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

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