Product datasheet

Anti-GCNT3 antibody ab98134

Product name: Anti-GCNT3 antibody
Description: Rabbit polyclonal to GCNT3
Host species: Rabbit
Tested applications: Suitable for: ICC/IF, IHC-P
Species reactivity: Reacts with: Human
Immunogen: Synthetic peptide conjugated to KLH from the N terminus of Human GCNT3
Positive control: Human colon tissue and kidney tissue

Properties
Form: Liquid
Storage instructions: Shipped at 4°C. Upon delivery aliquot. Avoid freeze / thaw cycle.
Storage buffer: Preservative: 0.1% Sodium azide
Constituent: PBS
Purity: Immunogen affinity purified
Clonality: Polyclonal
Isotype: IgG

Applications
Our Abpromise guarantee covers the use of ab98134 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>
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<tbody>
<tr>
<td>ICC/IF</td>
<td>⭐⭐⭐⭐⭐</td>
<td>Use at an assay dependent concentration.</td>
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<tr>
<td>IHC-P</td>
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<td>Use a concentration of 2.5 µg/ml.</td>
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Target
| **Function** | Glycosyltransferase that can synthesize all known mucin beta 6 N-acetylglucosaminides. Mediates core 2 and core 4 O-glycan branching, 2 important steps in mucin-type biosynthesis. Has also I-branching enzyme activity by converting linear into branched poly-N-acetyllactosaminoglycans, leading to introduce the blood group I antigen during embryonic development. |
| **Tissue specificity** | Primarily expressed in mucus-secreting tissues. Expressed in colon, kidney, small intestine, trachea, and stomach, where mucin is produced. |
| **Pathway** | Protein modification; protein glycosylation. |
| **Sequence similarities** | Belongs to the glycosyltransferase 14 family. |
| **Post-translational modifications** | N-glycosylated. |
| **Cellular localization** | Golgi apparatus membrane. |

**Images**

- **Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-GCNT3 antibody (ab98134)**
  - Formalin-Fixed, Paraffin-Embedded Human colon tissue labelled with ab98134 at 2.5 µg/ml.

- **Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-GCNT3 antibody (ab98134)**
  - Formalin-Fixed, Paraffin-Embedded Human kidney tissue labelled with ab98134 at 2.5 µg/ml.

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

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