Product datasheet

Anti-Glypican 1/ GPC1 antibody ab73979

Overview

Product name: Anti-Glypican 1/ GPC1 antibody
Description: Rabbit polyclonal to Glypican 1/ GPC1
Host species: Rabbit
Tested applications: Suitable for: ICC/IF, WB, IHC-Fr
Species reactivity: Reacts with: Human
Predicted to work with: Mouse, Rat
Immunogen: Synthetic peptide derived from the N-terminal domain of human Glypican/GPC1

Properties

Form: Liquid
Storage instructions: Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Storage buffer: Constituent: Whole serum
Purity: Whole antiserum
Clonality: Polyclonal
Isotype: IgG

Applications

Our Abpromise guarantee covers the use of ab73979 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 a concentration of 1 µg/ml.</td>
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<tr>
<td>IHC-Fr</td>
<td></td>
<td>1/50 - 1/100.</td>
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Function
Cell surface proteoglycan that bears heparan sulfate.

Sequence similarities
Belongs to the glypican family.

Post-translational modifications
This cell-associated glypican is further processed to give rise to a medium-released species.

Cellular localization
Cell membrane and Secreted > extracellular space.

Images

ICC/IF image of ab73979 stained HeLa cells. The cells were 4% formaldehyde fixed (10 min) and then incubated in 1%BSA / 10% normal goat serum / 0.3M glycine in 0.1% PBS-Tween for 1h to permeabilise the cells and block non-specific protein-protein interactions. The cells were then incubated with the antibody (ab73979, 1µg/ml) overnight at +4°C. The secondary antibody (green) was Alexa Fluor® 488 goat anti-rabbit IgG (H+L) used at a 1/1000 dilution for 1h. Alexa Fluor® 594 WGA was used to label plasma membranes (red) at a 1/200 dilution for 1h. DAPI was used to stain the cell nuclei (blue) at a concentration of 1.43µM.

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