Product datasheet

Anti-GIGYF1 antibody ab121784

Overview

Product name: Anti-GIGYF1 antibody
Description: Rabbit polyclonal to GIGYF1
Host species: Rabbit
Tested applications: Suitable for: ICC/IF, IHC-P
Species reactivity: Reacts with: Human
Immunogen: antigen sequence, corresponding to amino acids 402-499 (GIQLSPGVGS SAGPPGDLED DEGLKHLQQE AEKLVASLQD SSLEEEQFTA AMQTQGLRHS AAATALPLSH GAARKWFYKD PQGEIQPFT TQEMAEWF) of Human GIGYF1.
Positive control: Human kidney tissue.

Properties

Form: Liquid
Storage instructions: Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated 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 ab121784 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>Application</th>
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<th>Notes</th>
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<td>ICC/IF</td>
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<td>Use a concentration of 1 - 4 µg/ml. Recommend PFA Fixation and Triton X-100 treatment</td>
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### Function
May act cooperatively with GRB10 to regulate tyrosine kinase receptor signaling. May increase IGF1 receptor phosphorylation under IGF1 stimulation as well as phosphorylation of IRS1 and SHC1.

### Sequence similarities
Belongs to the PERQ family.
Contains 1 GYF domain.

### Domain
The GYF domain interacts with GRB10.

### Images

#### Immunocytochemistry/ Immunofluorescence - Anti-GIGYF1 antibody (ab121784)
Immunofluorescent staining of Human cell line U-251MG shows positivity in vesicles. Recommended concentration of ab121784 1-4 µg/ml. Cells treated with PFA/Triton X-100.

#### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-GIGYF1 antibody (ab121784)
ab121784, at 1/150 dilution, staining GIGYF1 in paraffin-embedded Human kidney tissue, by Immunohistochemistry.

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