



# Rabbit anti-Human GIGYF1 polyclonal antibody (DPABH-20103)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

|                            |                                                                                                                                                                                                 |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Antigen Description</b> | 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. |
| <b>Immunogen</b>           | antigen sequence, corresponding to amino acids 402-499 (GIQLSPGVGS SAGPPGDLED DEGLKHLQQE AEKLVASLQD SSLEEEQFTA AMQTQGLRHS AAATALPLSH GAARKWIFYKD PQGEIQGPFT TQEMAEWF) of Human GIGYF1.          |
| <b>Isotype</b>             | IgG                                                                                                                                                                                             |
| <b>Source/Host</b>         | Rabbit                                                                                                                                                                                          |
| <b>Species Reactivity</b>  | Human                                                                                                                                                                                           |
| <b>Purification</b>        | Immunogen affinity purified                                                                                                                                                                     |
| <b>Conjugate</b>           | Unconjugated                                                                                                                                                                                    |
| <b>Applications</b>        | ICC/IF, IHC-P                                                                                                                                                                                   |
| <b>Format</b>              | Liquid                                                                                                                                                                                          |
| <b>Size</b>                | 100 µl                                                                                                                                                                                          |
| <b>Buffer</b>              | pH: 7.20; Constituents: 59% PBS, 40% Glycerol                                                                                                                                                   |
| <b>Preservative</b>        | 0.02% Sodium Azide                                                                                                                                                                              |
| <b>Storage</b>             | Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.                                                                                                  |

# GENE INFORMATION

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| Gene Name       | <a href="#">GIGYF1 GRB10 interacting GYF protein 2 [ Homo sapiens ]</a>                                                                                                                                                                                          |
| Official Symbol | GIGYF1                                                                                                                                                                                                                                                           |
| Synonyms        | GIGYF1; GRB10 interacting GYF protein 1; GYF1; PERQ1; PERQ amino acid-rich with GYF domain-containing protein 1; GYF domain containing 1; GRB10-interacting GYF protein 1; PERQ amino acid rich, with GYF domain 1; postmeiotic segregation increased 2-like 12; |
| Entrez Gene ID  | <a href="#">64599</a>                                                                                                                                                                                                                                            |
| Protein Refseq  | <a href="#">NP_072096.2</a>                                                                                                                                                                                                                                      |
| UniProt ID      | <a href="#">O75420</a>                                                                                                                                                                                                                                           |