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# GIGYF1 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP11245c

## Product Information

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|---|---|
| **Application** | WB, E |
| **Primary Accession** | O75420 |
| **Other Accession** | Q99MR1, NP_072096.2 |
| **Reactivity** | Human, Rat, Mouse |
| **Predicted** | Mouse, Bovine, Canine, Rabbit |
| **Host** | Rabbit |
| **Clonality** | Polyclonal |
| **Isotype** | Rabbit IgG |
| **Clone Names** | RB24616 |
| **Calculated MW** | 114601 |
| **Antigen Region** | 666-694 |

## Additional Information

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| **Gene ID** | 64599 |
| **Other Names** | PERQ amino acid-rich with GYF domain-containing protein 1, GRB10-interacting GYF protein 1, GIGYF1, CDS2, PERQ1 |
| **Target/Specificity** | This GIGYF1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 666-694 amino acids from the Central region of human GIGYF1. |
| **Dilution** | WB~~1:2000 E~~Use at an assay dependent concentration. |
| **Format** | Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification. |
| **Storage** | Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles. |
| **Precautions** | GIGYF1 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures. |

## Protein Information

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|---|---|
| **Name** | GIGYF1 |
| **Synonyms** | CDS2, PERQ1 |

**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 (By similarity).

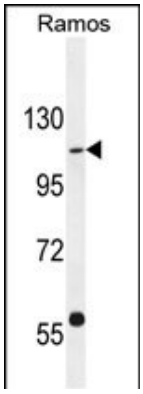
## Background

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 (By similarity).

## References

Szafranski, K., et al. Genome Biol. 8 (8), R154 (2007) :
Beausoleil, S.A., et al. Nat. Biotechnol. 24(10):1285-1292(2006)
Giovannone, B., et al. J. Biol. Chem. 278(34):31564-31573(2003)
Wilson, M.D., et al. Nucleic Acids Res. 29(6):1352-1365(2001)
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## Images




GIGYF1 Antibody (Center) (Cat. #AP11245c) western blot analysis in Ramos cell line lysates (35ug/lane).This demonstrates the GIGYF1 antibody detected the GIGYF1 protein (arrow).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.