

For Research Use Only

GDI2 Polyclonal antibody

Catalog Number: 55096-1-AP



Basic Information

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|--|---|--|
| Catalog Number: 55096-1-AP | GenBank Accession Number: NM_001494 | Purification Method: Antigen affinity purification |
| Size: 150ul , Concentration: 200 ug/ml by Nanodrop and 133 ug/ml by Bradford method using BSA as the standard; | GeneID (NCBI): 2665 | Recommended Dilutions: IHC 1:20-1:200 |
| Source: Rabbit | UNIPROT ID: P50395 | |
| Isotype: IgG | Full Name: GDP dissociation inhibitor 2 | |
| | Calculated MW: 51 kDa | |

Applications

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| Tested Applications: IHC, ELISA | Positive Controls: IHC : human skin tissue, human liver tissue |
| Species Specificity: human | |

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Background Information

GDP dissociation inhibitors (GDIs) are proteins that regulate the GDP-GTP exchange reaction of members of the rab family, GDIs can bind and release GDP-bound Rab proteins from membranes. Two GDI proteins towards different Rab proteins have been identified. GDI1 interacts with almost all of the Rab proteins, while GDI2 interacts with Rab11 but not Rab3A. GDI2 distributes ubiquitously, displaying a membrane bound location in perinuclear regions of cells. GDI-2 was thought to be involved in cellular response to insulin. It electrophoreses as a 46kd protein in SDS-PAGE. (PMID: 7929030; PMID: 19570034). The antibody is specific to GDI2. And it has no cross reaction to GDI1.

Storage

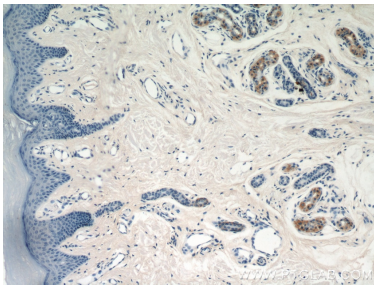
Storage:
Store at -20°C.
Storage Buffer:
0.1M NaHCO₃, 0.1M glycine, 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

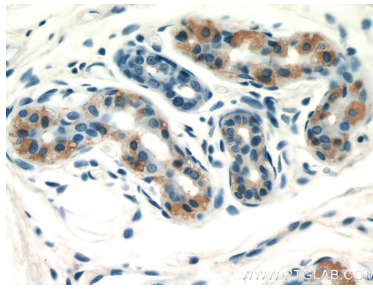
For technical support and original validation data for this product please contact:
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Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human skin using 55096-1-AP (GDI2 antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human skin using 55096-1-AP (GDI2 antibody) at dilution of 1:50 (under 40x lens).