

For Research Use Only

GDI2 Polyclonal antibody

Catalog Number: 55096-1-AP



Basic Information

Catalog Number: 55096-1-AP	GenBank Accession Number: NM_001494	Purification Method: Antigen affinity purification
Size: 200 µg/ml	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

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

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

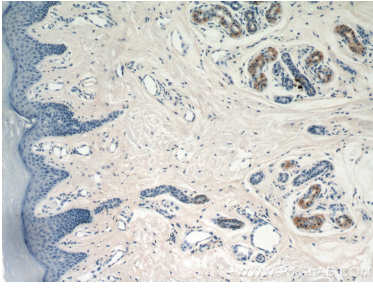
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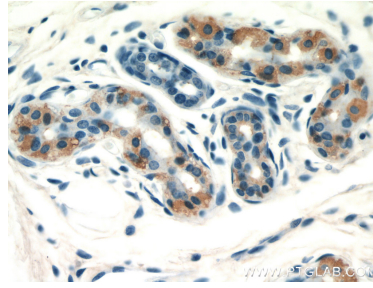
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Selected Validation Data



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).