

Nur für Forschungszwecke

GDI1 Polyklonaler Antikörper

Katalog-Nr.:55214-1-AP



Allgemeine Informationen

Katalog-Nr.:
55214-1-AP

Größe:
150ul , Konzentration: 800 µg/ml von
Nanodrop und 387 µg/ml durch die
Bradford-Methode mit BSA als
Standard;

Wirt:
Kaninchen

Isotyp:
IgG

GenBank-Zugangsnummer:
NM_001493

GeneID (NCBI):
2664
Vollständiger Name:
GDP dissociation inhibitor 1

Berechnete Masse:
51 kDa

Beobachtete Masse:
51-55 kDa

Reinigungsmethode:
Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:
WB 1:500-1:2000

Anwendungen

Geprüfte Anwendungen:
WB,ELISA

Getestete Reaktivität:
Human, Maus, Ratte

Positivkontrollen:

WB : SH-SY5Y-Zellen, humanes Hirngewebe,
Maushirngewebe

Hintergrundinformationen

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. GDI1 is expressed primarily in neural and sensory tissues and also in secretory cells, displaying a diffuse, cytoplasmic distribution in cells. It runs as a 55kda protein in SDS-PAGE. (PMID: 7929030,PMID: 19570034). Defects in GDI1 are the cause of mental retardation X-linked type 41 (MRX41). Defects in GDI1 are the cause of mental retardation X-linked type 48 (MRX48). The antibody is specific to GDI1. And it has no cross reaction to GDI2.

Lagerung

Lagerungsbedingungen:
Bei -20°C lagern.

Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

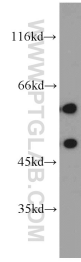
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free
in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com
W: ptglab.com

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Ausgewählte Validierungsdaten



SH-SY5Y cells were subjected to SDS PAGE followed by western blot with 55214-1-AP (GDI1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.