

Nur für Forschungszwecke

ADRB2 Polyklonaler Antikörper

Katalog-Nr.:29864-1-AP



Allgemeine Informationen

Katalog-Nr.: 29864-1-AP	GenBank-Zugangsnummer: BC012481	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul , Konzentration: 450 µg/ml von Nanodrop;	GeneID (NCBI): 154	Empfohlene Verdünnungen: WB 1:500-1:3000
Wirt: Kaninchen	Vollständiger Name: adrenergic, beta-2-, receptor, surface	
Isotyp: IgG	Berechnete Masse: 46 kDa	
Immunogen Katalognummer: AG32313	Beobachtete Masse: 46-48 kDa	

Anwendungen

Geprüfte Anwendungen: WB, ELISA	Positivkontrollen: WB : A549-Zellen,
Getestete Reaktivität: Human	

Hintergrundinformationen

Beta-2 adrenergic receptor (ADRB2), a member of the G protein-coupled receptor (GPCR) family, binds epinephrine with an approximately 30-fold greater affinity than it does norepinephrine. ADRB2 is directly linked to one of its final effectors, the class C L-type Ca²⁺ channel, Cav1.2 (PMID: 11441182). This receptor-channel complex also contains a G protein, an adenylyl cyclase, cyclic adenosine monophosphate-dependent protein kinase (PKA), and a counteracting phosphatase, PP2A. Different polymorphic forms, point mutations, and/or downregulation of the gene of ADRB2 are associated with nocturnal asthma, obesity and type 2 diabetes. This antibody detects ADRB2 with a molecular weight of 46-48 kDa as has been shown by some researches (PMID: 30542705; 35075132).

Lagerung

Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
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

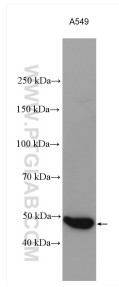
For technical support and original validation data for this product please contact:

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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Ausgewählte Validierungsdaten



A549 cells were subjected to SDS PAGE followed by western blot with 29864-1-AP (ADRB2 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.