

For Research Use Only

# ADRB3 Polyclonal antibody

Catalog Number: 30713-1-AP



## Basic Information

<b>Catalog Number:</b> 30713-1-AP	<b>GenBank Accession Number:</b> NM_000025	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 1100 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 155	<b>Recommended Dilutions:</b> WB 1:1000-1:4000
<b>Source:</b> Rabbit	<b>Full Name:</b> adrenergic, beta-3-, receptor	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 44 kDa	
<b>Immunogen Catalog Number:</b> AG31466	<b>Observed MW:</b> 44-50 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : A549 cells, MCF-7 cells
<b>Species Specificity:</b> Human	

## Background Information

Beta-3 adrenergic receptor(ADRB3), a member of the G-protein-coupled receptor family, is expressed mainly in adipose tissue and is thought to contribute to lipolysis and thermogenesis. In addition, the overexpression of ADRB3 has been found in several cancer types, including breast cancer, gallbladder cancer, and colorectal cancer. More recently, the involvement of ADRB3 in the metabolic reprogramming of melanoma, the promotion of immune tolerance, and the regulation of cancer differentiation have been described. (PMID: 32514619)

## Storage

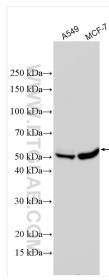
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

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

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

## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 30713-1-AP (ADRB3 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.