

For Research Use Only

ADRB3 Polyclonal antibody

Catalog Number: 30713-1-AP



Basic Information

Catalog Number: 30713-1-AP	GenBank Accession Number: NM_000025	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 1100 ug/ml by Nanodrop;	GeneID (NCBI): 155	Recommended Dilutions: WB 1:1000-1:4000
Source: Rabbit	UNIPROT ID: P13945	
Isotype: IgG	Full Name: adrenergic, beta-3-, receptor	
Immunogen Catalog Number: AG31466	Calculated MW: 44 kDa	
	Observed MW: 44-50 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : A549 cells, MCF-7 cells
Species Specificity: 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

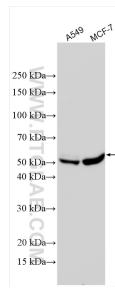
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 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

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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.