

ADRB3 Polyclonal antibody

Catalog Number: 30713-1-AP

Basic Information

Catalog Number:

30713-1-AP

Size:

1100 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG31466

GenBank Accession Number:

NM_000025

GeneID (NCBI):

155

UNIPROT ID:

P13945

Full Name:

adrenergic, beta-3-, receptor

Calculated MW:

44 kDa

Observed MW:

44-50 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:4000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

Human

Positive Controls:

WB : A549 cells, MCF-7 cells

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:

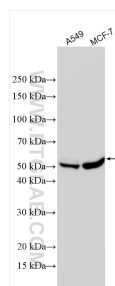
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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.