

Anti-AR-Beta 2 ADRB2 Antibody

Catalog Number: A00072-1

About ADRB2

This antibody is suitable for Cancer, Immunology and Nuclear Signaling research. ATP-Binding Cassette Sub-Family B Member 1 (ABCB1, also named P-glycoprotein) is a plasma membrane-associated multidrug transporter that utilizes the energy of ATP hydrolysis to pump toxic xenobiotics out of cells. Unique features of ABCB1 are its very broad substrate specificity and its basal ATPase activity in the absence of transport substrates. Human ABCB1 plays an important role in absorption, distribution, metabolism, excretion and toxicity of pharmacologically relevant drugs. It is responsible for decreased drug accumulation in multidrug-resistant cells and often mediates the development of resistance to anti-cancer drugs. This protein also functions as a transporter across the blood-brain barrier.

Overview

Product Name	Anti-AR-Beta 2 ADRB2 Antibody
Reactive Species	Human, Mouse, Rat, Zebrafish
Description	Boster Bio Anti-AR-Beta 2 ADRB2 Antibody catalog # A00072-1. Tested in WB,IHC,IP applications. This antibody reacts with Human,Mouse,Rat,zebrafish.
Application	IP, IHC, WB
Clonality	Polyclonal
Formulation	Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P07550

Technical Details

Immunogen	Synthesized peptide derived from human IGF-IR around the phosphorylation site of Y1346.
Predicted Reactive Species	Canine, Monkey
Cross Reactivity	No cross reactivity with other proteins.
Isotype	IgG
Form	Liquid
Concentration	1 mg/ml
Purification	ProA affinity purified

Suggested Dilutions

Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.

If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.

Some PubMed article(s) citing the expression level of this target are as follows:

Boster Bio's internal QC testing used:

WB: 1:1,000-1:5,000

IHC: 1:50-1:200

Anti-AR-Beta 2 ADRB2 Antibody (A00072-1) Images

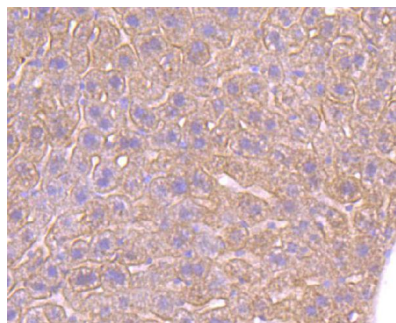


Figure 2. Immunohistochemistry validation of ADRB2 using Anti-AR-Beta 2 ADRB2 Antibody (A00072-1).

Immunohistochemical analysis of paraffin-embedded mouse liver tissue using anti-ADRB2 antibody. Counter stained with hematoxylin.

For more protocol information of IHC

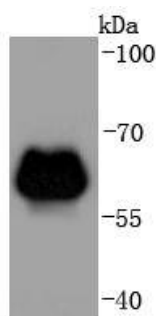


Figure 1. Western blotting validation for Anti-AR-Beta 2 ADRB2 Antibody A00072-1

Western blot analysis of ADRB2 on zebrafish lysates using anti-ADRB2 antibody at 1/1

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