

beta-2 Adrenergic Receptor Polyclonal Antibody

Product Details	
Size	100 µL
Species Reactivity	Human
Published Species	Mouse
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Synthetic peptide corresponding to a region within amino acids 340 and 413 of Human beta 2 Adrenergic Receptor
Form	Liquid
Concentration	1.31 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS, pH 7, with 20% glycerol
Contains	0.025% ProClin 300
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2544559

Applications	Tested Dilution	Publications
Western Blot (WB)	1:500-1:3,000	1 Publication

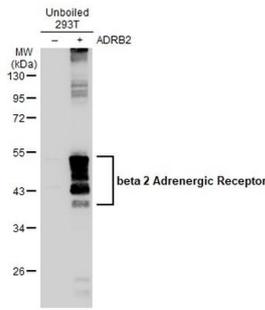
Product Specific Information

Recommended positive controls: HepG2, PC-12.

Predicted reactivity: Rhesus Monkey (100%).

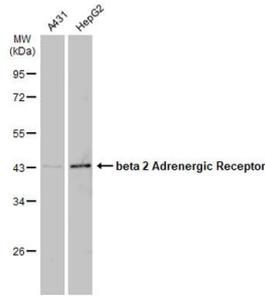
Store product as a concentrated solution. Centrifuge briefly prior to opening the vial.

Product Images For beta-2 Adrenergic Receptor Polyclonal Antibody



beta-2 Adrenergic Receptor Antibody (PA5-27083) in WB

Western Blot using beta-2 Adrenergic Receptor Polyclonal Antibody (Product # PA5-27083). Non-transfected (-) and transfected (+) unboiled 293T whole cell extracts (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with beta-2 Adrenergic Receptor Polyclonal Antibody (Product # PA5-27083) diluted at 1:5,000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



beta-2 Adrenergic Receptor Antibody (PA5-27083) in WB

Western Blot analysis of beta-2-Adrenergic-Receptor was performed by separating 30 µg of various whole cell extracts by 10% SDS-PAGE. Proteins were transferred to a membrane and probed with a beta-2 Adrenergic Receptor Polyclonal Antibody (Product # PA5-27083) at a dilution of 1:500 and a HRP-conjugated anti-rabbit IgG secondary antibody.

1 Reference

Western Blot (1)

JCI insight

Adenylyl cyclase isoform 1 contributes to sinoatrial node automaticity via functional microdomains.

"PA5-27083 was used in Western Blotting to provide insights into the critical roles of the Ca²⁺-activated isoform of AC in sustaining SAN automaticity that is distinct from contractile cardiomyocytes."

Authors: Ren L, Thai PN, Gopireddy RR, Timofeyev V, Ledford HA, Woltz RL, Park S, Puglisi JL, Moreno CM, Santana LF, Conti AC, Kotlikoff MI, Xiang YK, Yarov-Yarovoy V, Zaccolo M, Zhang XD, Yamoah EN, Navedo MF, Chiamvimonvat N

Year
2022

Species
Mouse

Dilution
1:1000

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