

For Research Use Only

ADRB1 Polyclonal antibody

Catalog Number: 28323-1-AP **3 Publications**



Basic Information

Catalog Number: 28323-1-AP	GenBank Accession Number: NM_000684	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 650 µg/ml by Nanodrop;	GeneID (NCBI): 153	Recommended Dilutions: WB 1:1000-1:4000
Source: Rabbit	Full Name: adrenergic, beta-1-, receptor	
Isotype: IgG	Calculated MW: 51 kDa	
Immunogen Catalog Number: AG28223	Observed MW: 49 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : mouse heart tissue, rat heart tissue
Cited Applications: WB	
Species Specificity: Human, mouse, rat	
Cited Species: human, rat, mouse	

Background Information

ADRB1 (adrenergic receptor beta 1), a member of the G protein-coupled receptor (GPCR) superfamily, responds to catecholamine stimulation. In the heart, ADRB1 is the predominant subtype expressed and mediate increases in inotropy and chronotropy when stimulated. ADRB1 mediates a wide range of cardiovascular physiological responses and has been of great interest to researchers as a therapeutic target for cardiovascular diseases. Moreover, there are three subtypes of ADRBs (ADRB1, ADRB2 and ADRB3) encoded by three separate genes (PMID:16636683; 33372534; 33593484).

Notable Publications

Author	Pubmed ID	Journal	Application
Xingcheng Lin	37927415	Oncol Lett	WB
Wanyu Tu	37783262	Brain Res	WB
Hao-Kun Xu	37680481	iScience	WB

Storage

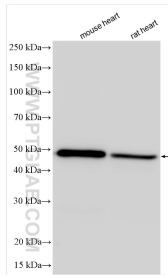
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 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 28323-1-AP (ADRB1 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.