

For Research Use Only

ADRB1 Polyclonal antibody, PBS Only

Catalog Number: 28323-1-PBS



Basic Information

Catalog Number:

28323-1-PBS

Concentration:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG28223

GenBank Accession Number:

NM_000684

GeneID (NCBI):

153

UNIPROT ID:

P08588

Full Name:

adrenergic, beta-1-, receptor

Calculated MW:

51 kDa

Observed MW:

49 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, IHC, Indirect ELISA

Species Specificity:

human, mouse, rat

Background Information

ADRB1 (adrenergic receptor beta 1), a member of the G protein-coupled receptor (GPCR) superfamily, responds to catecholamine stimulation. ADRB1 is the predominant subtype expressed in the heart and mediates 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, three subtypes of ADRBs (ADRB1, ADRB2, and ADRB3) are encoded by three separate genes (PMID:16636683; 33372534; 33593484).

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS Only

For technical support and original validation data for this product please contact:

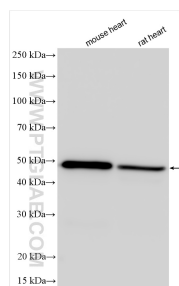
T: 4006900926

E: Proteintech-CN@ptglab.com

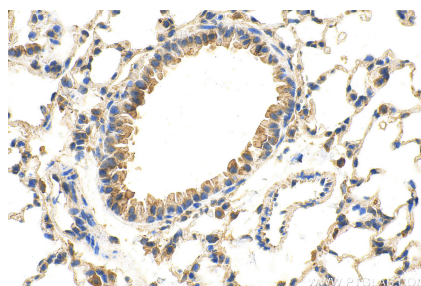
W: ptgcn.com

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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. This data was developed using the same antibody clone with 28323-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse lung tissue slide using 28323-1-AP (ADRB1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 28323-1-PBS in a different storage buffer formulation.