ADRA1A Rabbit Polyclonal Antibody

CAB1471

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

51kDa

Calculated MW:

32-52kDa

Applications:

WB IHC IF

Reactivity:

Human, Mouse, Rat

Antibody Information

Recommended dilutions:
WB 1:500 - 1:2000 IHC 1:50 - 1:100 IF 1:50 - 1:200

Source:
Rabbit

Isotype:
IgG

Purification:
Affinity purification

Protein Background

Alpha-1-adrenergic receptors (alpha-1-ARs) are members of the G protein-coupled receptor superfamily. They activate mitogenic responses and regulate growth and proliferation of many cells. There are 3 alpha-1-AR subtypes: alpha-1A, -1B and -1D, all of which signal through the Gq/11 family of G-proteins and different subtypes show different patterns of activation. This gene encodes alpha-1A-adrenergic receptor. Alternative splicing of this gene generates four transcript variants, which encode four different isoforms with distinct C-termini but having similar ligand binding properties.

Immunogen information

Gene ID:
148

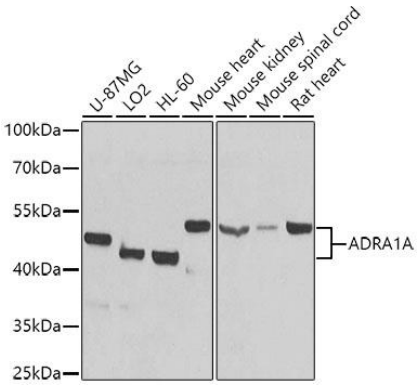
Uniprot
P35348

Synonyms:
ADRA1A; ADRA1C; ADRA1L1; ALPHA1AAR

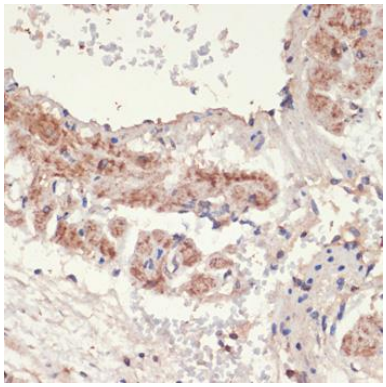
Immunogen:
Recombinant fusion protein containing a sequence corresponding to amino acids 346-475 of human ADRA1A (NP_150646.3).

Storage:
Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

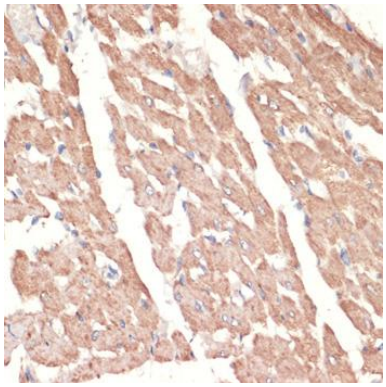
Product Images



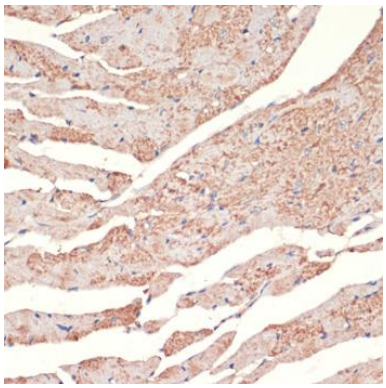
Western blot analysis of extracts of various cell lines, using ADRA1A antibody (CAB1471) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 90s.



Immunohistochemistry of paraffin-embedded rat lung using ADRA1A antibody (CAB1471) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded rat heart using ADRA1A antibody (CAB1471) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse heart using ADRA1A antibody (CAB1471) at dilution of 1:100 (40x lens).