

**Product Name:** alpha 1a Adrenergic Receptor Rabbit  
**Monoclonal Antibody**  
**Catalog #:** AMRe01634

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## Summary

<b>Production Name</b>	alpha 1a Adrenergic Receptor Rabbit Monoclonal Antibody
<b>Description</b>	Rabbit Monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC-P
<b>Reactivity</b>	Rat

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
<b>Purification</b>	Affinity Purification

## Immunogen

<b>Gene Name</b>	ADRA1A
<b>Alternative Names</b>	ADRA1A; ADRA1C; Alpha-1A adrenergic receptor; Alpha-1A adrenoreceptor; Alpha-1A adrenoceptor; Alpha-1C adrenergic receptor; Alpha-adrenergic receptor 1c
<b>Gene ID</b>	148
<b>SwissProt ID</b>	P35348.

## Application

<b>Dilution Ratio</b>	WB: 1:500-1:1000 IHC: 1:50-1:100
<b>Molecular Weight</b>	Calculated MW: 51 kDa; Observed MW: 51 kDa

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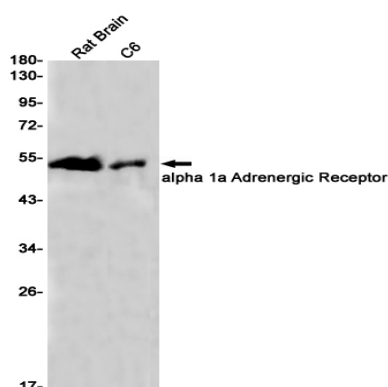
## Background

This alpha-adrenergic receptor mediates its action by association with G proteins that activate a phosphatidylinositol-calcium second messenger system. Its effect is mediated by G(q) and G(11) proteins. Nuclear ADRA1A-ADRA1B heterooligomers regulate phenylephrine(PE)-stimulated ERK signaling in cardiac myocytes.

## Research Area

Neuroscience

## Image Data



Western blot analysis of alpha 1a Adrenergic Receptor in rat Brain, C6 lysates using alpha 1a Adrenergic Receptor antibody.

## Note

For research use only.