

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



Summary

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

Performance

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

Immunogen

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

Application

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

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



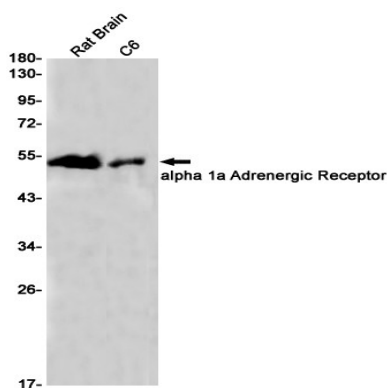
Background

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.