



Datasheet for ABIN6259548

anti-alpha 1 Adrenergic Receptor antibody (Internal Region)



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4 Images

Overview

Quantity:	100 µL
Target:	alpha 1 Adrenergic Receptor (ADRA1A)
Binding Specificity:	Internal Region
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This alpha 1 Adrenergic Receptor antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunocytochemistry (ICC)

Product Details

Immunogen:	A synthesized peptide derived from human ADRA1A, corresponding to a region within the internal amino acids.
Isotype:	IgG
Specificity:	ADRA1A Antibody detects endogenous levels of total ADRA1A.
Predicted Reactivity:	Rabbit
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

Target Details

Target:	alpha 1 Adrenergic Receptor (ADRA1A)
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Target Details

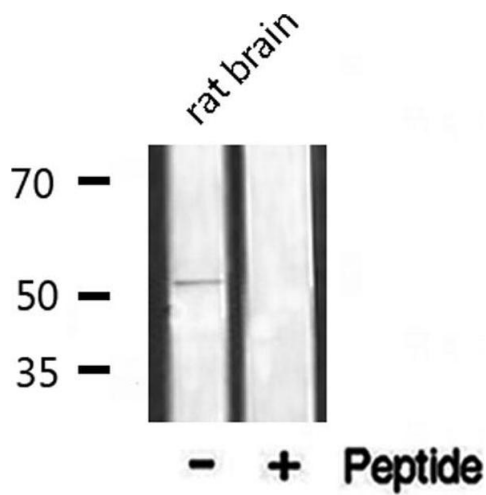
Alternative Name:	ADRA1A (ADRA1A Products)
Background:	Description: This alpha-adrenergic receptor mediates its action by association with G proteins that activate a phosphatidylinositol-calcium second messenger system. Its effect is mediated by G(q) and G(11) proteins. Nuclear ADRA1A-ADRA1B heterooligomers regulate phenylephrine(PE)-stimulated ERK signaling in cardiac myocytes. Gene: ADRA1A
Molecular Weight:	51 kDa
Gene ID:	148
UniProt:	P35348
Pathways:	AMPK Signaling

Application Details

Application Notes:	WB 1:500-1:1000, IF/ICC 1:100-1:500, ELISA(peptide) 1:20000-1:40000
Restrictions:	For Research Use only

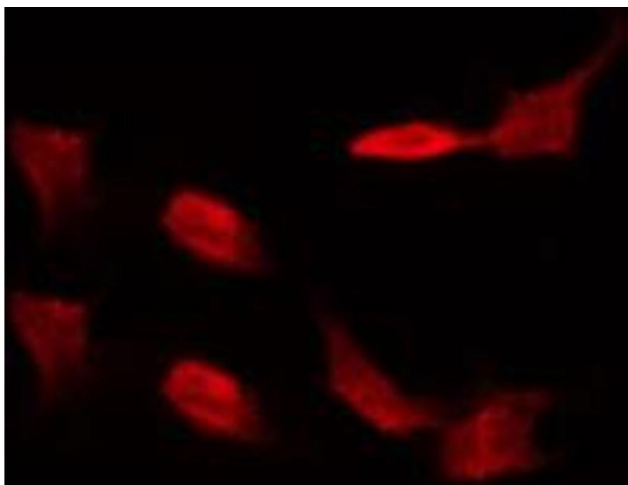
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20 °C. Stable for 12 months from date of receipt.
Expiry Date:	12 months



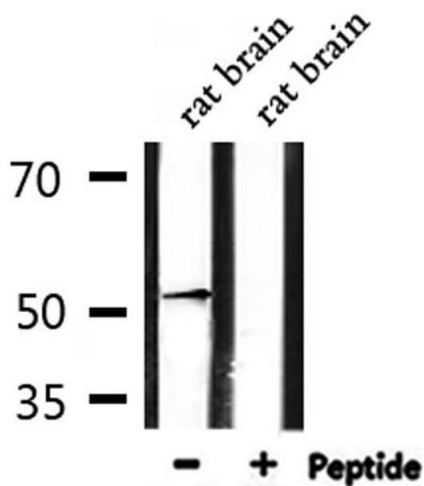
Western Blotting

Image 1. Western blot analysis of extracts from rat brain, using ADRA1A antibody.



Immunofluorescence (fixed cells)

Image 2. ABIN6274578 staining IOVO by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37°C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



Western Blotting

Image 3. Western blot analysis of extracts from rat brain , using ADRA1A Antibody.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN6259548.