

Datasheet for ABIN670703

anti-alpha 1 Adrenergic Receptor antibody (AA 206-256) (Biotin)



[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	alpha 1 Adrenergic Receptor (ADRA1A)
Binding Specificity:	AA 206-256
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This alpha 1 Adrenergic Receptor antibody is conjugated to Biotin
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Alpha-1A adrenergic receptor
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Predicted Reactivity:	Dog,Cow,Sheep,Pig,Horse,Chicken,Rabbit,Guinea Pig
Purification:	Purified by Protein A.

Target Details

Target:	alpha 1 Adrenergic Receptor (ADRA1A)
Alternative Name:	ADRA1A (ADRA1A Products)

Target Details

Background:	<p>Synonyms: ADRA1C, ADRA1L1, ALPHA1AAR, Alpha-1A adrenergic receptor, Alpha-1A adrenoreceptor, Alpha-1A adrenoceptor, Alpha-1C adrenergic receptor, Alpha-adrenergic receptor 1c, ADRA1A</p> <p>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.</p>
Gene ID:	148
UniProt:	P35348
Pathways:	AMPK Signaling

Application Details

Application Notes:	<p>WB: (1:100-1000), IHC-P: (1:100-500)</p> <p>Optimal working dilution should be determined by the investigator.</p>
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 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 for 12 months.
Expiry Date:	12 months