

Alpha-1A adrenergic receptor antibody

Catalog No: #22610

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

Description

Product Name	Alpha-1A adrenergic receptor antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Purified by antigen-affinity chromatography.
Applications	WB IHC IF
Species Reactivity	Hu
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide contain a sequence corresponding to a region within amino acids 206 and 270 of Human ADRA1A
Target Name	Alpha-1A adrenergic receptor
Other Names	ADRA1C; ADRA1L1; ALPHA1AAR
Accession No.	Swiss-Prot:P35348Gene ID:148
Uniprot	P35348
GeneID	148;
Concentration	1mg/ml
Formulation	Supplied in 0.1M Tris-buffered saline with 10% Glycerol (pH7.0). 0.01% Thimerosal was added as a preservative.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

Application Details

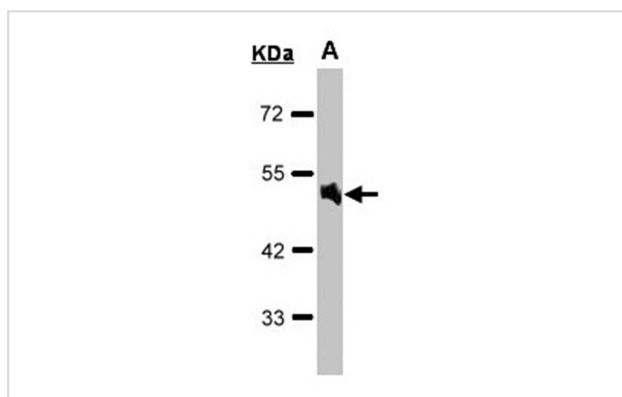
Predicted MW: 52kd

Western blotting: 1:500-1:3000

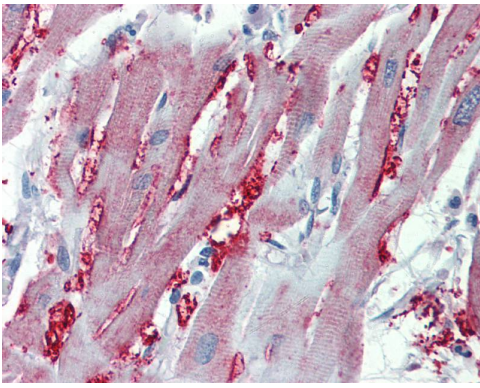
Immunohistochemistry: 1:100-1:250

Immunofluorescence: 1:100-1:200

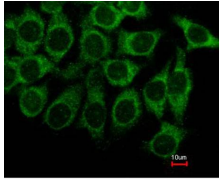
Images



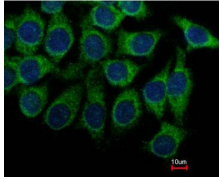
Sample(30 ug of whole cell lysate)
A: Raji
10% SDS PAGE
Primary antibody diluted at 1: 1000



Immunohistochemical analysis of paraffin-embedded Heart, using alpha 1a Adrenergic Receptor antibody(10 ug/ml).



Costained with Hoechst 33342



Immunofluorescence analysis of methanol-fixed Hep3B, using alpha 1a Adrenergic Receptor antibody at 1: 500 dilution.

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.

[provided by RefSeq]

Note: This product is for in vitro research use only