

# AR- Alpha1A Polyclonal Antibody

# Description

Product type Primary Antibody

Code BT-AP00648

Host Rabbit

Isotype IgG

Size 20ul, 50ul, 100ul

Immunogen The antiserum was produced against synthesized peptide derived from human ADRA1A. AA range:136-

185

Mol wt 51487

Species reactivity Human, Mouse, Rat

**Clonality** Polyclonal

Recommended application WB, IF, ELISA

Concentration 1 mg/ml

Full name AR-alpha1A Antibody

Synonyms ADRA1A; ADRA1C; Alpha-1A adrenergic receptor; Alpha-1A adrenoreceptor; Alpha-1A adrenoceptor;

Alpha-1C adrenergic receptor; Alpha-adrenergic receptor 1c

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

### Background

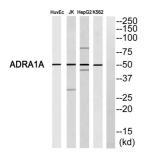
Alpha-1-adrenergic receptors (alpha-1-ARs) are members of the G protein-coupled receptor superfamily. They activate mitogenic responses and regulate growth and proliferation of many cells. There are 3 alpha-1-AR subtypes: alpha-1A, -1B and -1D, all of which signal through the Gq/11 family of G-proteins and different subtypes show different patterns of activation. ADRA1A 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.

#### Recommended Dilution

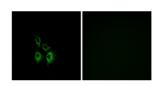
WB: 1: 500 - 1: 2000 IF: 1: 200 - 1: 1000 ELISA: 1: 10000

Not yet tested in other applications.

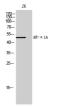
## Images



Western blot analysis of ADRA1A Antibody. The lane on the right is blocked with the ADRA1A peptide.



 $Immun of luorescence\ analysis\ of\ A549\ cells, using\ ADRA1A\ Antibody.\ The\ picture\ on\ the\ right\ is\ blocked\ with\ the\ synthesized\ peptide.$ 



Western Blot analysis of JK cells using AR- $\alpha$ 1A Polyclonal Antibody

# Storage

-20°C for one year

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