# ADRA1A Antibody

**PACO61903**

## Product Information

**Size:**

50ul

**Reactivity:**

Human

**Source:**

Rabbit

**Isotype:**

IgG

**Applications:**

ELISA, WB, IF

**Recommended dilutions:**

ELISA:1:2000-1:10000, WB:1:1000-1:5000, IF:1:50-1:200

**Protein 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.

**Gene ID:**

ADRA1A

**Uniprot**

P35348

**Synonyms:**

Alpha-1A adrenergic receptor (Alpha-1A adrenoreceptor) (Alpha-1A adrenoceptor) (Alpha-1C adrenergic receptor) (Alpha-adrenergic receptor 1c), ADRA1A, ADRA1C

**Immunogen:**

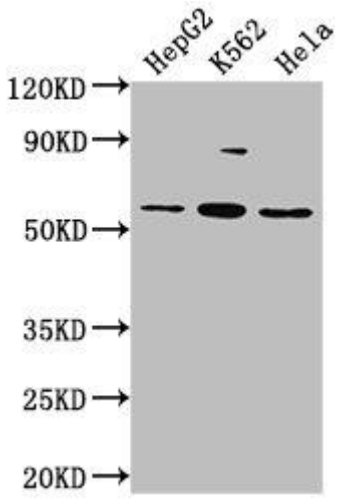
Peptide sequence from Human Alpha-1A adrenergic receptor protein (6-22AA).

**Storage:**

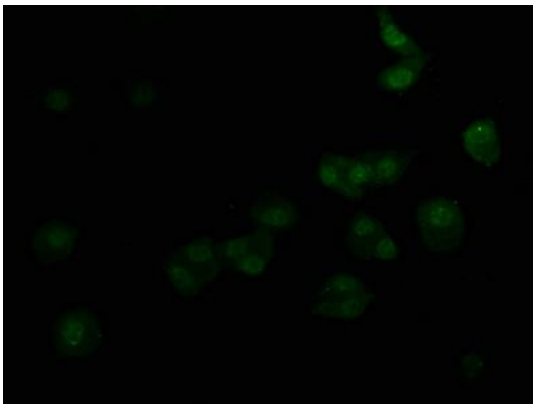
Preservative: 0.03% Proclin 300. Constituents: 50% Glycerol, 0.01M PBS, pH 7.4

## Product Images




Western Blot. Positive WB detected in: HepG2 whole cell lysate, K562 whole cell lysate, Hela whole cell lysate. All lanes: ADRA1A antibody at 1:2000. Secondary. Goat polyclonal to rabbit IgG at 1/50000 dilution. Predicted band size: 52, 53, 48, 51, 33, 38, 36, 41 kDa. Observed band size: 52 kDa.



Immunofluorescence staining of HepG2 cells with PACO61903 at 1:50, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L).