Anti-Alpha-2A Adrenergic Receptor Rabbit Polyclonal Antibody

Catalog #: 51328

Aliases

ADRA2R; ADRAR; Alpha-2A adrenergic receptor; Alpha-2 adrenergic receptor subtype C10; Alpha-2A adrenoreceptor; Alpha-2A adrenoceptor; Alpha-2AAR

Background

Gene Name: ADRA2A
NCBI Gene Entry: 150
UniProt Entry: P08913

Application Information

Molecular Weight: Predicted, 50 kDa; observed, 55 kDa
Clonality: Rabbit polyclonal antibody
Species Reactivity: Human
Applications Tested: Western blotting (WB), immunocytochemistry (IC)

Immunogen

A synthesized peptide derived from human Alpha-2A Adrenergic Receptor

Isotype

Rabbit IgG

Storage Buffer

Supplied in PBS (pH 7.3) containing 30% glycerol, and 0.01% sodium azide.

Storage

Store at -20 °C for one year.

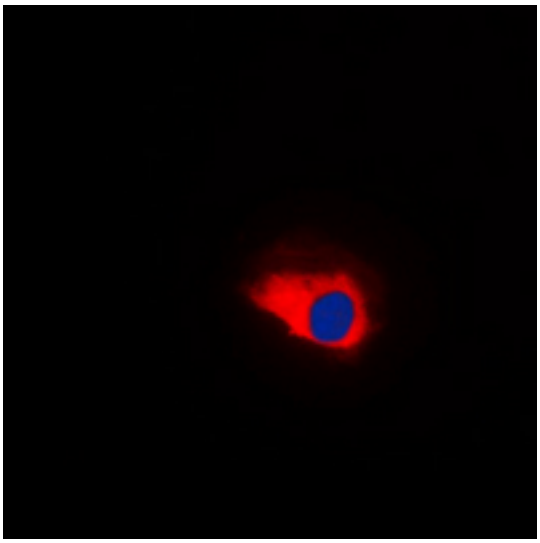
Recommended Dilutions

Western Blotting (WB): 1:500-1:1,000
Immunocytochemistry (IC): 1:50-1:200

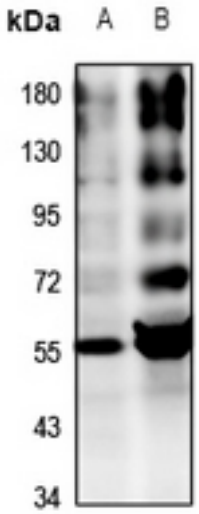
Note: This product is for research use only.

Validation Data

Anti-Alpha-2A Adrenergic Receptor Rabbit Polyclonal Antibody



Immunocytochemical analysis of Alpha-2A Adrenergic Receptor staining in SGC7901 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a hidified chamber. Cells were washed with PBST and incubated with a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).



Western blotting analysis of Alpha-2A Adrenergic Receptor expression in Hela (A), A2780 (B) whole cell lysates.