

A2842

Leader in Biomolecular Solutions for Life Science



ADRA1B Rabbit pAb

Catalog No.: A2842

Basic Information

Observed MW

Refer to figures

Calculated MW

57kDa

Category

Polyclonal Antibody

Applications

WB

Cross-Reactivity

Human,Mouse,Rat

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-1B-adrenergic receptor, which induces neoplastic transformation when transfected into NIH 3T3 fibroblasts and other cell lines. Thus, this normal cellular gene is identified as a protooncogene. This gene comprises 2 exons and a single large intron of at least 20 kb that interrupts the coding region.

Recommended Dilutions

WB 1:200 - 1:1000

Immunogen Information

Gene ID

147

Swiss Prot

P35368

Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms

ADRA1; ALPHA1BAR; ADRA1B

Contact

 www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.