

## ADRA1B

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**Reactivity:**Human Mouse Rat

**Tested applications:**WB

**Recommended Dilution:**WB 1:200 - 1:1000

**Calculated MW:**57kDa

**Observed MW:**Refer to figures

**Immunogen:**

A synthetic peptide of human ADRA1B

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

ADRA1; ALPHA1BAR;

**Catalog #:**A2842

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**147

**Isotype:**IgG

**Swiss Prot:**P35368

**Purity:**Affinity purification

For research use only.

**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.

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