

## **Product Description**

Pioneering GTPase and Oncogene Product Development since 2010

## ADRA1B RABBIT PAB

Cat.#: S213384

Product Name: Anti-ADRAIB Rabbit Polyclonal Antibody

**Synonyms:** ADRA1; ALPHA1BAR

UNIPROT ID: P35368 (Gene Accession - NM\_000679)

**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.

Immunogen: Synthetic peptide of human ADRA1B

**Applications:** ELISA, WB, IHC

**Recommended Dilutions:** IHC: 50-100;WB: 500-2000;ELISA: 500-1000

Host Species: Rabbit

**Clonality:** Rabbit Polyclonal

**Isotype:** Immunogen-specific rabbit IgG **Purification:** Antigen affinity purification **Species Reactivity:** Human, Mouse, Rat

Constituents: PBS (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40%

glycerol

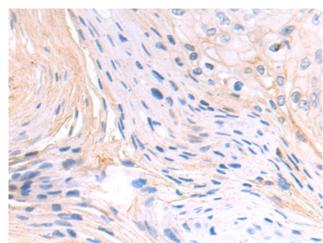
Research Areas: Neuroscience

Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing

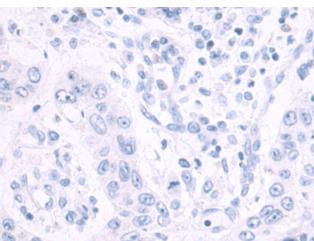


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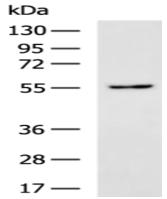
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Immunohistochemistry analysis of paraffin embedded Human esophagus cancer tissue 1/50(Cytoplasm).



In comparision with the IHC on the left, the same paraffin-embedded Human esophagus using 213384(ADRAIB Antibody) at a dilution of cancer tissue is first treated with the synthetic peptide and then with 213384(Anti-ADRAIB Antibody) at dilution 1/50.



Gel: 8%SDS-PAGE, Lysate: 40 µg;

Lane: A549 cell lysate;

Primary antibody: 213384(ADRAIB Antibody) at

dilution 1/700;

Secondary antibody: HRP-conjugated Goat

anti rabbit IgG at 1/5000 dilution;

Exposure time: 40 seconds