

Anti-ADRA1B antibody

Cat. No.	ml260107
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol

Product overview

Description	Anti-ADRA1B rabbit polyclonal antibody
Applications	ELISA, WB
Immunogen	Synthetic peptide of human ADRA1B
Reactivity	Human, Mouse, Rat
Content	0.3 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	ADRA1B
Full name	Alpha-1B adrenergic receptor
Synonyms	ADRA1, ALPHA1BAR
Swissprot	P35368

Target 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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Applications

Western blotting

Predicted band size: 57 kDa

Positive control: Human lung cancer tissue

Recommended dilution: 100-500

Gel: 10%SDS-PAGE

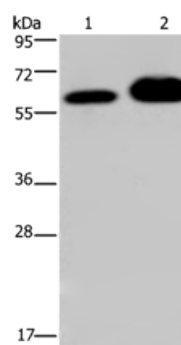
Lysate: 40 µg

Lane: Human lung cancer tissue

Primary antibody: ml260107(ADRA1B Antibody) at dilution 1/200

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 1 minute



ELISA

Recommended dilution: 1000-5000

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