

Anti-ADRA1A antibody

Cat. No.	ml161265
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol

Product overview

Description	Anti-ADRA1A rabbit polyclonal antibody
Applications	ELISA, WB, IHC
Immunogen	Synthetic peptide of human ADRA1A
Reactivity	Human, Mouse, Rat
Content	0.8 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	ADRA1A
Full name	adrenoceptor alpha 1A
Synonyms	ADRA1C; ADRA1L1; ALPHA1AAR
Swissprot	P35348

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-1A-adrenergic receptor. Alternative splicing of this gene generates four transcript variants, which encode four different isoforms with distinct C-termini but having similar ligand binding properties.

订购热线: 4008-898-798

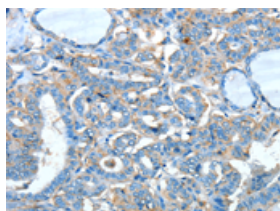
Applications

Immunohistochemistry

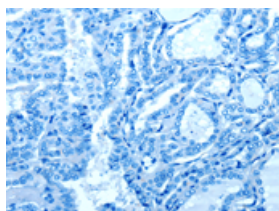
Predicted cell location: Cytoplasm

Positive control: Human thyroid cancer

Recommended dilution: 50-200



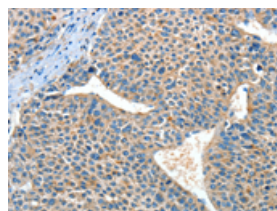
The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using ml161265(ADRA1A Antibody) at dilution 1/60, on the right is treated with synthetic peptide. (Original magnification: $\times 200$)



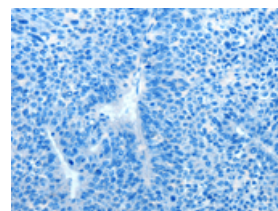
Predicted cell location: Cytoplasm

Positive control: Human liver cancer

Recommended dilution: 50-200



The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using ml161265(ADRA1A Antibody) at dilution 1/60, on the right is treated with synthetic peptide. (Original magnification: $\times 200$)



Western blotting

Predicted band size: 51 kDa

Positive control: PC3 and Raji cells

Recommended dilution: 200-1000

Gel: 10% SDS-PAGE

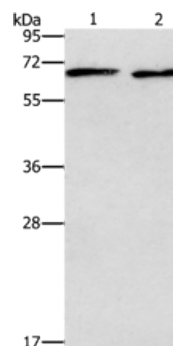
Lysate: 40 μ g

Lane 1-2: PC3 cells, Raji cells

Primary antibody: ml161265(ADRA1A Antibody) at dilution 1/337.5

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

Exposure time: 10 seconds



ELISA

Recommended dilution: 2000-5000

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