

Anti-APLNR antibody

Cat. No.	ml120227
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol

Product overview

Description	Anti-APLNR rabbit polyclonal antibody
Applications	ELISA, WB, IHC
Immunogen	Fusion protein of human APLNR
Reactivity	Human, Mouse, Rat
Content	0.2 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	APLNR
Full name	apelin receptor
Synonyms	APJ, APJR, HG11, AGTRL1
Swissprot	P35414

Target Background

This gene encodes a member of the G protein-coupled receptor gene family. The encoded protein is related to the angiotensin receptor, but is actually an apelin receptor that inhibits adenylate cyclase activity and plays a counter-regulatory role against the pressure action of angiotensin II by exerting hypertensive effect. It functions in the cardiovascular and central nervous systems, in glucose metabolism, in embryonic and tumor angiogenesis and as a human immunodeficiency virus (HIV-1) coreceptor. Two transcript variants resulting from alternative splicing have been identified.

订购热线: 4008-898-798

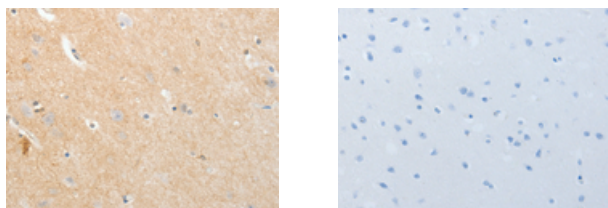
Applications

Immunohistochemistry

Predicted cell location: Cytoplasm

Positive control: Human brain

Recommended dilution: 15-50



The image on the left is immunohistochemistry of paraffin-embedded Human brain tissue using ml120227(APLNR Antibody) at dilution 1/20, on the right is treated with fusion protein. (Original magnification: $\times 200$)

Western blotting

Predicted band size: 43 kDa

Positive control: OP9 cells

Recommended dilution: 200-1000

Gel: 10% SDS-PAGE

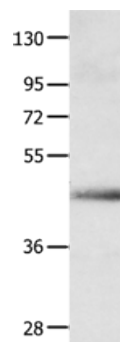
Lysate: 40 μ g

Lane: OP9 cells

Primary antibody: ml120227(APLNR Antibody) at dilution 1/250

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

Exposure time: 10 minutes



ELISA

Recommended dilution: 1000-2000

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