

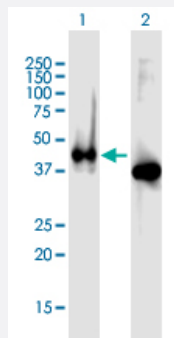
MaxPab®

APLNR purified MaxPab mouse polyclonal antibody (B02P)

Catalog # H00000187-B02P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of APLNR expression in transfected 293T cell line ([H00000187-T03](#)) by APLNR MaxPab polyclonal antibody.

Lane 1: APLNR transfected lysate(41.8 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human APLNR protein.
Immunogen	APLNR (ABM81770.1, 1 a.a. ~ 380 a.a) full-length human protein.
Sequence	MEEGGDFDNYGADNQSECEYTDWKSSGALIPAYMLVFLLGTTGNGLVLWTVFRSSREKRRSA DIFIASLAVADLTFVVTLPPLWATYTYRDYDWPFGTFFCKLSSYLIFVNMYSVFCLTGLSFDRYLAM RPVANARLRLRVSGAVATAVLWVLAALLAMPVMLRRTTGDLENTTKVQCYPDYSMVATVSSEW AWEVGLGVSSSTTVGFVVPFTIMLTCTYFFIAQTIAGHFRKERIEGLRKRRRLLSINVLVVTFALCWMP YHLVKTLYMLGSLLHWPCDFDLFLMNIFPYCTCISYVNSCLNPFLYAFFDPRFRQACTSMLCCGQS RCAGTSHSSSGEKSASYSSGHSQGPGPNMGKGGEQMHEKSIPYSQETLVVD
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (92); Rat (90)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

Gene Info — APLNR

Entrez GeneID [187](#)

GeneBank Accession# [DQ890844.2](#)

Protein Accession# [ABM81770.1](#)

Gene Name APLNR

Gene Alias AGTRL1, APJ, APJR, FLJ90771, MGC45246

Gene Description apelin receptor

Omim ID [600052](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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. [provided by RefSeq]

Other Designations APJ (apelin) receptor|angiotensin II receptor-like 1|angiotensin receptor-like 1

Pathway

- [Neuroactive ligand-receptor interaction](#)

Disease

- [Atherosclerosis](#)
- [Brain Infarction](#)
- [Cardiomyopathy](#)
- [Coronary Artery Disease](#)
- [Disease Progression](#)
- [Genetic Predisposition to Disease](#)
- [Hypertension](#)
- [Stroke](#)