



# Rabbit Anti-Human Apelin Receptor monoclonal antibody, clone 6I6M0 (CABT-L1194)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

|                           |  |
|---------------------------|--|
| <b>Target</b>             | APLNR  |
| <b>Immunogen</b>          | Peptides corresponding to Human APLNR (aa 6-20, 52-66)                                       |
| <b>Isotype</b>            | IgG  |
| <b>Source/Host</b>        | Rabbit   |
| <b>Species Reactivity</b> | Human, Mouse   |
| <b>Clone</b>              | 6I6M0  |
| <b>Purification</b>       | Protein A Purified   |
| <b>Conjugate</b>          | Unconjugated   |
| <b>Applications</b>       | ICC, IF, WB  |
| <b>Format</b>             | Liquid   |
| <b>Concentration</b>      | 0.5 mg/ml  |
| <b>Buffer</b>             | PBS, pH 7.2  |
| <b>Preservative</b>       | 0.09% Sodium Azide   |
| <b>Storage</b>            | Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles. |

## BACKGROUND

**Introduction**

APLNR (Apelin Receptor) is 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.

**Keywords**

APLNR;apelin receptor;APJ;APJR;HG11;AGTRL1;APJ receptor;HG11 orphan receptor;APJ (apelin) receptor;angiotensin receptor-like 1;G protein-coupled receptor APJ;G-protein coupled receptor APJ;angiotensin II receptor-like 1;G-protein coupled receptor HG11

## GENE INFORMATION

**Entrez Gene ID**

[187](#)

**UniProt ID**

[P35414](#)