

## APLNR

**Reactivity:** Human Mouse Rat

**Tested applications:** WB IHC

**Recommended Dilution:** WB 1:200 - 1:1000 IHC 1:15 - 1:50

**Calculated MW:** 43kDa

**Observed MW:** Refer to figures

**Immunogen:**

Recombinant protein of human APLNR

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

APJ; APJR; HG11; AGTRL1;

**Catalog #:** A2659

**Antibody Type:**

Polyclonal Antibody

**Species:** Rabbit

**Gene ID:** 187

**Isotype:** IgG

**Swiss Prot:** P35414

**Purity:** Affinity purification

For research use only.

**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.

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