



# Anti-APLNR polyclonal antibody (DPAB-DC3420)

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

## PRODUCT INFORMATION

<b>Antigen Description</b>	APLNR (apelin receptor) is a protein-coding gene, and is affiliated with the IncRNA class. Diseases associated with APLNR include hypertension, and gestational diabetes, and among its related super-pathways are Class A/1 (Rhodopsin-like receptors) and Signaling by GPCR. GO annotations related to this gene include G-protein coupled receptor activity and receptor activity. An important paralog of this gene is RXFP3.
<b>Specificity</b>	Rabbit polyclonal antibody to APLNR can detect cellular protein derived from cell lysates (3T3-L1, NIH-3T3) at various concentrations. Cross reactivity with human and mouse might be happened duo to their sequence similarity .
<b>Immunogen</b>	A synthetic peptide corresponding to rat Aplnr.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human, Mouse, Rat
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB, ELISA,
<b>Format</b>	Lyophilized
<b>Size</b>	200 µg
<b>Buffer</b>	Lyophilized from PBS.
<b>Preservative</b>	None
<b>Storage</b>	Store at -20°C. Aliquot after reconstitution to avoid repeated freezing and thawing.

# GENE INFORMATION

Gene Name	<a href="#">Aplnr apelin receptor [ Rattus norvegicus (Norway rat) ]</a>
Official Symbol	APLNR
Synonyms	APLNR; apelin receptor; Apj; Agtr11; B78; GPCR34; angiotensin receptor-like 1; G-protein coupled receptor APJ;
Entrez Gene ID	<a href="#">83518</a>
Protein Refseq	<a href="#">NP_112639</a>
UniProt ID	<a href="#">Q9JHG3</a>
Chromosome Location	3q24
Pathway	Class A/1 (Rhodopsin-like receptors); GPCR downstream signaling; GPCRs, Class A Rhodopsin-like; Neuroactive ligand-receptor interaction
Function	G-protein coupled receptor activity; peptide binding;