



Anti-APLNR polyclonal antibody (DPAB-DC3420)

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

PRODUCT INFORMATION

Antigen Description	APLNR (apelin receptor) is a protein-coding gene, and is affiliated with the lncRNA 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.
Specificity	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 due to their sequence similarity .
Immunogen	A synthetic peptide corresponding to rat Aplnr.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Conjugate	Unconjugated
Applications	WB, ELISA,
Format	Lyophilized
Size	200 µg
Buffer	Lyophilized from PBS.
Preservative	None
Storage	Store at -20°C. Aliquot after reconstitution to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	Aplnr apelin receptor [Rattus norvegicus (Norway rat)]
Official Symbol	APLNR
Synonyms	APLNR; apelin receptor; Apj; Agtr1; B78; GPCR34; angiotensin receptor-like 1; G-protein coupled receptor APJ;
Entrez Gene ID	83518
Protein Refseq	NP_112639
UniProt ID	Q9JHG3
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;