

LNPEP rabbit monoclonal antibody

Catalog # H00004012-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human LNPEP peptide using ARM Technology.
Immunogen	A synthetic peptide of human LNPEP is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human LNPEP peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — LNPEP

Entrez GeneID	4012
GeneBank Accession#	LNPEP
Gene Name	LNPEP
Gene Alias	CAP, IRAP, P-LAP, PLAP
Gene Description	leucyl/cystinyl aminopeptidase
Omim ID	151300
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a zinc-dependent aminopeptidase that cleaves vasopressin, oxytocin, lys-bra dykinin, met-enkephalin, dynorphin A and other peptide hormones. The protein can be secreted in maternal serum, reside in intracellular vesicles with the insulin-responsive glucose transporter GL UT4, or form a type II integral membrane glycoprotein. The protein catalyzes the final step in the c onversion of angiotensinogen to angiotensin IV (AT4) and is also a receptor for AT4. Alternative s plicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq
Other Designations	AT (4) receptor OTTHUMP00000196800 angiotensin IV receptor insulin-regulated aminopeptidas e insulin-responsive aminopeptidase otase oxytocinase placental leucine aminopeptidase vasopr essinase

Pathway

- [Renin-angiotensin system](#)

Disease

- [Hypertension](#)
- [Pre-Eclampsia](#)
- [Pregnancy Complications](#)