

LNPEP polyclonal antibody (A01)

Catalog # H00004012-A01

Size 50 uL

Applications



Western Blot detection against Immunogen (37.11 kDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant LNPEP.
Immunogen	LNPEP (NP_005566, 926 a.a. ~ 1025 a.a) partial recombinant protein with GST tag.
Sequence	FIIRTVGRHFPGHLLAWDFVKENWNKLVQKFPLGSYTIQNVAGSTYLFSTKTHLSEVQAFFENQSE ATFRLRCVQEALEVIQLNIQWMEKNLKSLTWWL
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (88)
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.11 kDa) .
Storage Buffer	50 % glycerol
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — LNPEP

Entrez GeneID [4012](#)

GeneBank Accession# [NM_005575](#)

Protein Accession# [NP_005566](#)

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](#)