

Rabbit LNPEP Polyclonal Antibody | anti-LNPEP antibody

LNPEP Antibody (N-Term)

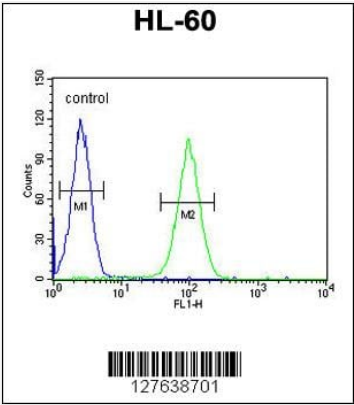
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287583	Rabbit	Human (Predicted Reactivity: Mouse, Rat)	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

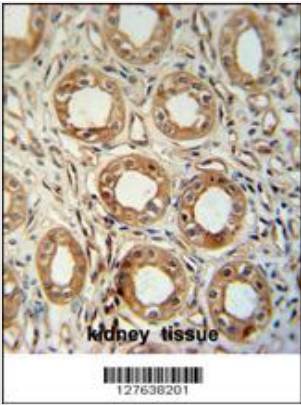
LNPEP; Polyclonal Antibody; LNPEP Antibody (N-Term); Leucyl-cystinyl aminopeptidase; Cystinyl aminopeptidase; Insulin-regulated membrane aminopeptidase; Insulin-responsive aminopeptidase; IRAP; Oxytocinase; OTase; Placental leucine aminopeptidase; P-LAP; pregnancy serum form; OTASE; anti-LNPEP antibody

PRODUCT SPECIFICATIONS

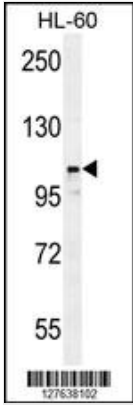
Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This LNPEP antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 23-52 amino acids from the N-terminal region of human LNPEP.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	23-52
Sequence Length	1,006
Applicable Applications for anti-LNPEP antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
LNPEP Antibody (N-Term) flow cytometric analysis of HL-60 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)
LNPEP antibody (N-Term) immunohistochemistry analysis in formalin fixed and paraffin embedded human kidney tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the LNPEP antibody (N-Term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
LNPEP Antibody (N-Term) western blot analysis in HL-60 cell line lysates (35ug/lane). This demonstrates the LNPEP antibody detected the LNPEP protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-LNPEP antibody	This gene encodes a zinc-dependent aminopeptidase that cleaves vasopressin, oxytocin, lys-bradykinin, 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 GLUT4, or form a type II integral membrane glycoprotein. The protein catalyzes the final step in the conversion of angiotensinogen to angiotensin IV (AT4) and is also a receptor for AT4. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq].
Product Categories/Family for anti-LNPEP antibody	Cell Biology
References	Georgiadou, D., et al. J. Immunol. 185(3):1584-1592(2010) Williams, P.J., et al. Placenta 31(5):448-455(2010) Landau, R., et al. Neuro Endocrinol. Lett. 31(1):63-66(2010) Johnson, M.P., et al. Hum. Genet. 126(5):655-666(2009) Saveanu, L., et al. Science 325(5937):213-217(2009)

NCBI AND UNIPROT INFORMATION

NCBI GI #	61742777
NCBI GeneID	4012
NCBI Accession #	NP_005566.2; NP_787116.2
NCBI GenBank Nucleotide #	NM_005575.2
UniProt Accession #	Q9UIQ6; O00769; Q15145; Q59H76; Q9TNQ2; Q9TNQ3; Q9UIQ7
Molecular Weight	117349
NCBI Official Full Name	leucyl-cystinyl aminopeptidase isoform 1
NCBI Official Synonym Full Names	leucyl/cystinyl aminopeptidase
NCBI Official Symbol	LNPEP
NCBI Official Synonym Symbols	CAP; IRAP; PLAP; P-LAP
NCBI Protein Information	leucyl-cystinyl aminopeptidase
UniProt Protein Name	Leucyl-cystinyl aminopeptidase
UniProt Gene Name	LNPEP
UniProt Synonym Gene Names	OTASE; Cystinyl aminopeptidase; IRAP; OTase; P-LAP
UniProt Entry Name	LCAP_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/lnpep-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/287583>