

Rabbit LNPEP Polyclonal Antibody | anti-LNPEP antibody

LNPEP Polyclonal Antibody

CATALOG # AAA178934	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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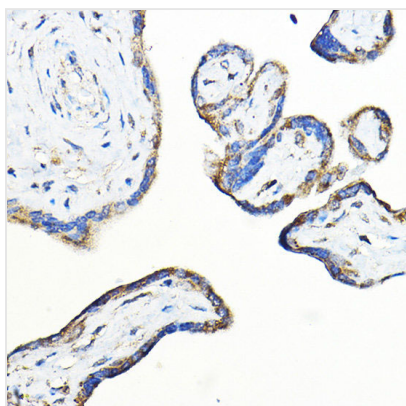
PRODUCT SYNONYMS

LNPEP; Polyclonal Antibody; LNPEP Polyclonal Antibody; CAP; IRAP; P-LAP; PLAP; anti-LNPEP antibody

PRODUCT SPECIFICATIONS

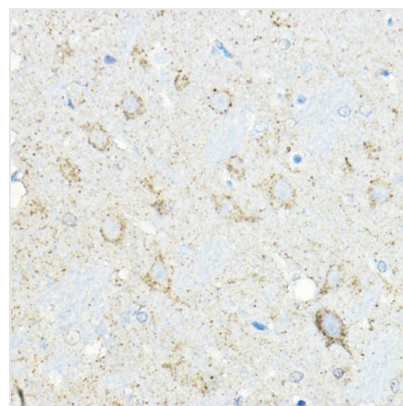
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.01% thiomersal, 50% glycerol, pH 7.3.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-LNPEP antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant fusion protein of human LNPEP
Preparation and Storage	Storage: -20 degree C/One year. Avoid freeze/thaw cycles.

IMAGES



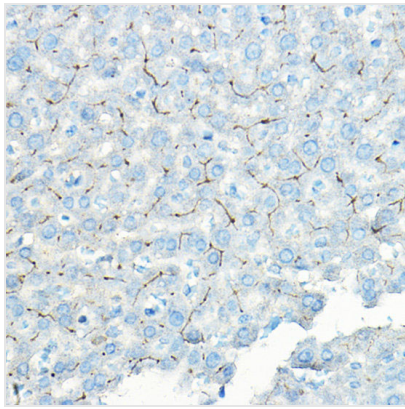
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human placenta using LNPEP Polyclonal Antibody at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



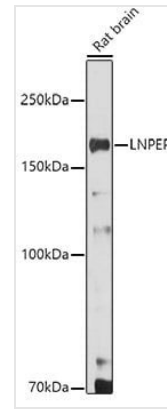
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat brain using LNPEP Polyclonal Antibody at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



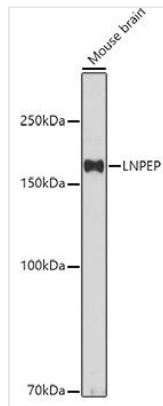
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat liver using LNPEP Polyclonal Antibody at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



WB (Western Blot)

Western blot analysis of extracts of Rat brain using LNPEP Polyclonal Antibody at 1:500 dilution.



WB (Western Blot)

Western blot analysis of extracts of Mouse brain using LNPEP Polyclonal Antibody at 1:500 dilution.

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.
Product Categories/Family for anti-LNPEP antibody	Antibodies ; Primary Antibodies ; Polyclonal Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	61742777
NCBI GeneID	4012
NCBI Accession #	NP_005566.2
NCBI GenBank Nucleotide #	NM_005575.2
UniProt Accession #	Q9UIQ6; O00769; Q15145; Q59H76; Q9TNQ2; Q9TNQ3; Q9UIQ7
Molecular Weight	117,349 Da
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; otase; oxytocinase; vasopressinase; AT (4) receptor; angiotensin IV receptor; insulin-regulated aminopeptidase; placental leucine aminopeptidase; insulin-responsive aminopeptidase; insulin-regulated membrane 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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/lnpep-antibody-immunohistochemistry-western-blot-elisa/178934>