

Rabbit anti-Human LAP3 Polyclonal Antibody | anti-LAP3 antibody

LAP3 Antibody (N-term)

CATALOG # AAA288113	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA, Western Blot
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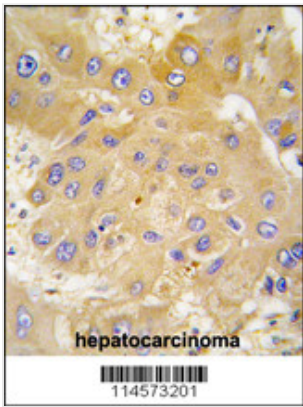
PRODUCT SYNONYMS

LAP3; Polyclonal Antibody; LAP3 Antibody (N-term); Cytosol aminopeptidase; Leucine aminopeptidase 3; LAP-3; Leucyl aminopeptidase; Peptidase S; Proline aminopeptidase; Prolyl aminopeptidase; LAPEP; PEPS; anti-LAP3 antibody

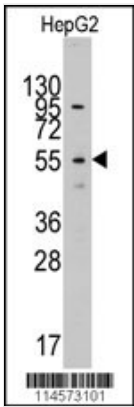
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This LAP3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 89-119 amino acids from the N-terminal region of human LAP3.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 1.74 (varies by lot)
Sequence Positions	89-119
Sequence Length	519
Applicable Applications for anti-LAP3 antibody	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.

IMAGES



IHC (Immunohiostchemistry)
Formalin-fixed and paraffin-embedded human hepatocarcinoma tissue reacted with LAP3 antibody (N-term) , which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of anti-LAP3(N-term) Pab in HepG2 cell line lysates (35ug/lane). LAP3(arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-LAP3 antibody	LAP3 is presumably involved in the processing and regular turnover of intracellular proteins. It catalyzes the removal of unsubstituted N-terminal amino acids from various peptides.Release of an N-terminal amino acid, Xaa- -Yaa-, in which Xaa is preferably Leu, but may be other amino acids including Pro although not Arg or Lys, and Yaa may be Pro.
Product Categories/Family for anti-LAP3 antibody	Cardiovascular; Metabolism; Signal transduction
References	Goto,Y.,FEBS Lett. 580 (7), 1833-1838 (2006) Matsushima,M.,Biochem. Biophys. Res. Commun. 178 (3), 1459-1464 (1991)

NCBI AND UNIPROT INFORMATION

NCBI GI #	41393561
NCBI GeneID	51056
NCBI Accession #	NP_056991.2
NCBI GenBank Nucleotide #	NM_015907.2
UniProt Accession #	P28838; Q6IAM6; Q6P0L6; Q9UQE3; B3KMQ3
Molecular Weight	56166
NCBI Official Full Name	cytosol aminopeptidase
NCBI Official Synonym Full Names	leucine aminopeptidase 3
NCBI Official Symbol	LAP3
NCBI Official Synonym Symbols	LAP; PEPS; LAPEP; HEL-S-106
NCBI Protein Information	cytosol aminopeptidase
UniProt Protein Name	Cytosol aminopeptidase
UniProt Gene Name	LAP3
UniProt Synonym Gene Names	LAPEP; PEPS; LAP-3
UniProt Entry Name	AMPL_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://stage.aaabiotech.com/polyclonal/lap3-antibody-immunohistochemistry-western-blot-elisa/288113>