



Datasheet for ABIN391461
anti-LAP3 antibody (N-Term)



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1 Publication

Overview

Quantity:	400 µL
Target:	LAP3
Binding Specificity:	AA 89-119, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LAP3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	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.
Clone:	RB14573
Isotype:	Ig Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	LAP3
Alternative Name:	LAP3 (LAP3 Products)

Target Details

Background:	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.
Molecular Weight:	56166
Gene ID:	51056
NCBI Accession:	NP_056991
UniProt:	P28838

Application Details

Application Notes:	WB: 1:1000. IHC-P: 1:10~50
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months

Publications

Product cited in:	Lin, Liu, Sun, Yuan, Zhang, Chen: "Establishment and characterization of a tamoxifen-mediated reversible immortalized mouse dental papilla cell line." in: In vitro cellular & developmental biology. Animal , Vol. 49, Issue 2, pp. 114-21, (2013) (PubMed).
	Kaushik, Arias, Kwon, Lopez, Athonvarangkul, Sahu, Schwartz, Pessin, Singh: "Loss of autophagy in hypothalamic POMC neurons impairs lipolysis." in: EMBO reports , Vol. 13, Issue 3,

Images

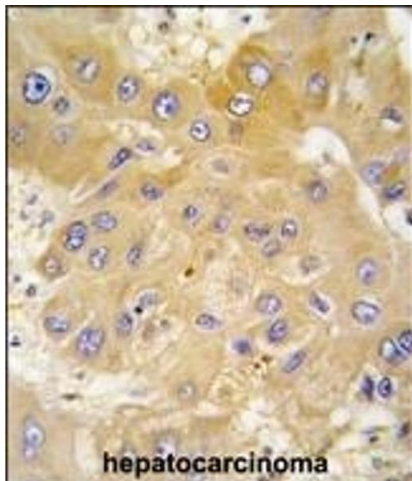
**Immunohistochemistry (Paraffin-embedded Sections)**

Image 1. Formalin-fixed and paraffin-embedded human hepatocarcinoma tissue reacted with L antibody (N-term) (ABIN391461 and ABIN2841436), 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.

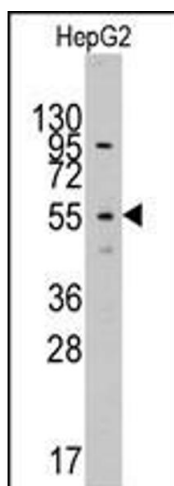
**Western Blotting**

Image 2. Western blot analysis of anti-L(N-term) Pab (ABIN391461 and ABIN2841436) in HepG2 cell line lysates (35 µg/lane). L (arrow) was detected using the purified Pab.