

Datasheet for ABIN391611
anti-LARS antibody (C-Term)

3 Images

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Overview

Quantity:	400 µL
Target:	LARS
Binding Specificity:	AA 1118-1145, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LARS antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This LARS antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1118-1145 amino acids from the C-terminal region of human LARS.
Clone:	RB14824
Isotype:	Ig Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	LARS
Alternative Name:	LARS (LARS Products)

Target Details

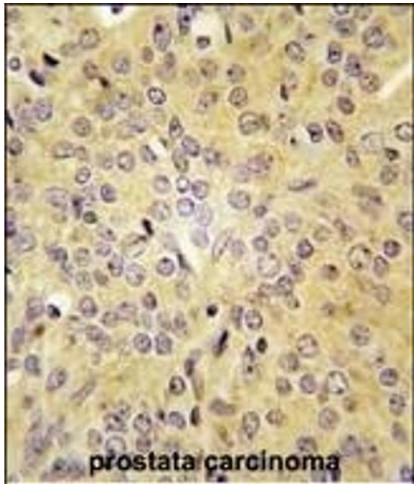
Background:	LARS, a cytosolic leucine-tRNA synthetase, a member of the class I aminoacyl-tRNA synthetase family. This enzyme catalyzes the ATP-dependent ligation of L-leucine to tRNA(Leu). It is found in the cytoplasm as part of a multisynthetase complex and interacts with the arginine tRNA synthetase through its C-terminal domain.
Molecular Weight:	134466
Gene ID:	51520
NCBI Accession:	NP_064502
UniProt:	Q9P2J5
Pathways:	EGFR Signaling Pathway

Application Details

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

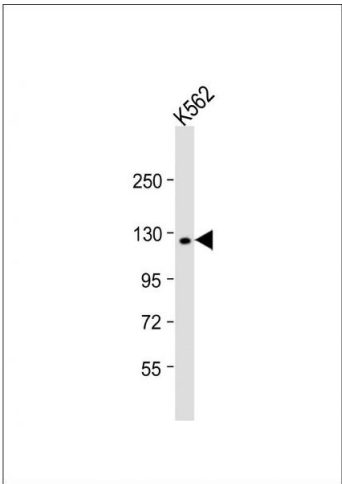
Handling

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



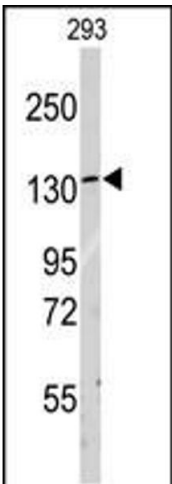
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin-fixed and paraffin-embedded human prostata carcinoma tissue reacted with LARS antibody (C-term) (ABIN391611 and ABIN2841532) , 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. Anti-LARS Antibody (C-term) at 1:1000 dilution + K562 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 134 kDa Blocking/Dilution buffer: 5 % NFDm/TBST.



Western Blotting

Image 3. Western blot analysis of anti-LARS Antibody (C-term) (ABIN391611 and ABIN2841532) in 293 cell line lysates (35 µg/lane). LARS(arrow) was detected using the purified Pab.