



Datasheet for ABIN391847
anti-NARS2 antibody (C-Term)



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2 Images

Overview

Quantity:	400 µL
Target:	NARS2
Binding Specificity:	AA 445-474, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NARS2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This NARS2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 445-474 amino acids from the C-terminal region of human NARS2.
Clone:	RB15140
Isotype:	Ig Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	NARS2
Alternative Name:	NARS2 (NARS2 Products)

Target Details

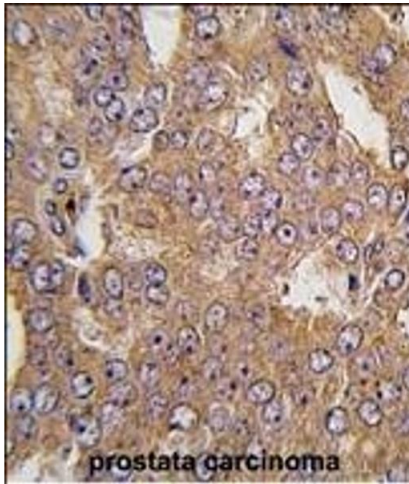
Background:	Asparagine-tRNA ligase (EC 6.1.1.22) catalyzes the chemical reaction: ATP + L-asparagine + tRNAAsn <--> AMP + diphosphate + L-asparaginyI-tRNAAsn. This enzyme participates in alanine and aspartate metabolism and aminoacyl-tRNA biosynthesis.
Molecular Weight:	54090
Gene ID:	79731
NCBI Accession:	NP_078954
UniProt:	Q96159
Pathways:	SARS-CoV-2 Protein Interactome

Application Details

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

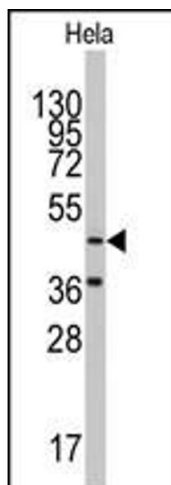
Handling

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



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin-fixed and paraffin-embedded human prostata carcinoma tissue reacted with NARS2 antibody (C-term) (ABIN391847 and ABIN2841682) , 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-NARS2 Antibody (C-term) (ABIN391847 and ABIN2841682) in HeLa cell line lysates (35 µg/lane).NARS2(arrow) was detected using the purified Pab.