

Datasheet for ABIN392311  
**anti-VARS antibody (N-Term)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	400 µL
Target:	VARS
Binding Specificity:	AA 251-279, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Immunogen:	This VARS antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 251-279 amino acids from the N-terminal region of human VARS.
Clone:	RB14872
Isotype:	Ig Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

## Target Details

Target:	VARS
Alternative Name:	VARS ( <a href="#">VARS Products</a> )
Background:	Aminoacyl-tRNA synthetases catalyze the aminoacylation of tRNA by their cognate amino acid. Because of their central role in linking amino acids with nucleotide triplets contained in tRNAs,

## Target Details

aminoacyl-tRNA synthetases are thought to be among the first proteins that appeared in evolution. This protein belongs to the class-I aminoacyl-tRNA synthetase family and is located in the class III region of the major histocompatibility complex.

Molecular Weight: 140476

Gene ID: 7407

NCBI Accession: [NP\\_006286](#)

UniProt: [P26640](#)

## 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.

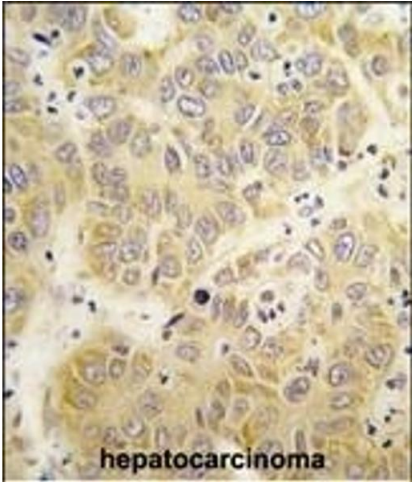
Preservative: Sodium azide

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

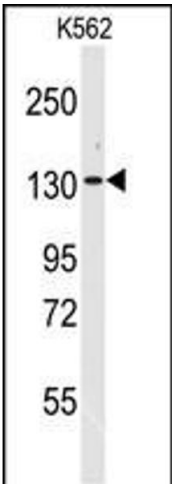
Storage Comment: Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.

Expiry Date: 6 months



**Immunohistochemistry (Paraffin-embedded Sections)**

**Image 1.** Formalin-fixed and paraffin-embedded human hepatocarcinoma tissue reacted with the VARS 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.



**Western Blotting**

**Image 2.** Western blot analysis of anti-VARS Antibody (N-term) (ABIN392311 and ABIN2841962) in K562 cell line lysates (35 µg/lane).VARS (arrow) was detected using the purified Pab.