

Datasheet for ABIN7444919
anti-VARS antibody (AA 186-421)[Go to Product page](#)

4 Images

Overview

Quantity:	100 µL
Target:	VARS
Binding Specificity:	AA 186-421
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This VARS antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Valyl tRNA Synthetase (VARS)
Immunogen:	Recombinant Valyl tRNA Synthetase (VARS) corresponding to Asn186~Glu421
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against VARS. It has been selected for its ability to recognize VARS in immunohistochemical staining and western blotting.
Cross-Reactivity:	Human, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

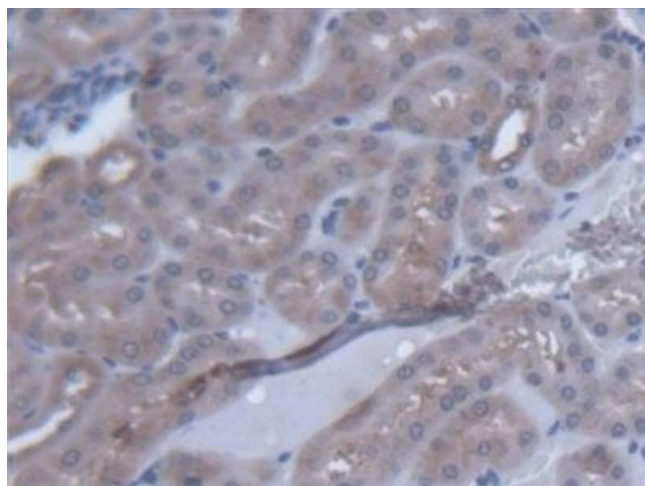
Target:	VARS
Alternative Name:	Valyl tRNA Synthetase (VARS Products)
Background:	G7A, VARS2, ValRS, Valine tRNA Ligase 1, Cytoplasmic, Protein G7a

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

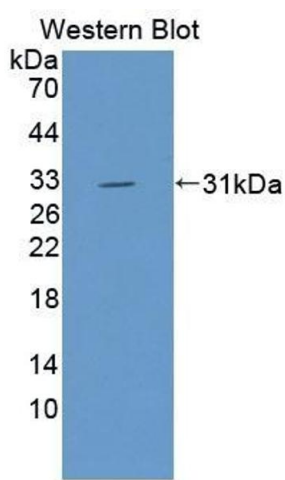
Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



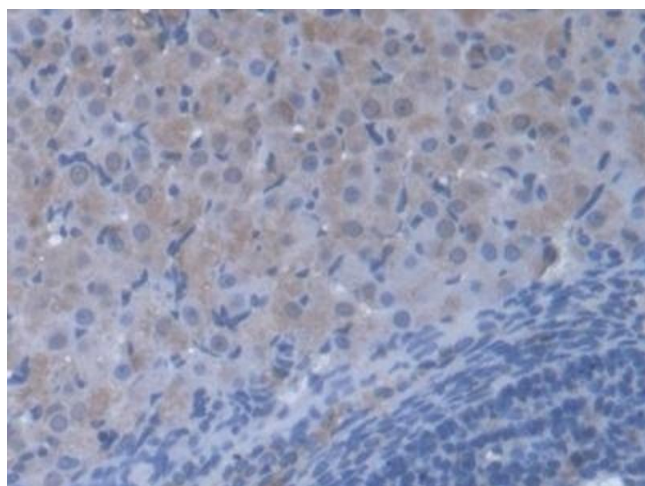
Immunohistochemistry

Image 1. Detection of VARS in Mouse Kidney Tissue using Polyclonal Antibody to Valyl tRNA Synthetase (VARS)



Western Blotting

Image 2. Detection of Recombinant VARS, Mouse using Polyclonal Antibody to Valyl tRNA Synthetase (VARS)



Immunohistochemistry

Image 3. Detection of VARS in Mouse Ovary Tissue using Polyclonal Antibody to Valyl tRNA Synthetase (VARS)

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7444919.