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Datasheet for ABIN7443434  
**anti-YARS antibody (AA 2-528)**

7 Images

### Overview

Quantity:	100 µL
Target:	YARS (Yars)
Binding Specificity:	AA 2-528
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This YARS antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

### Product Details

Purpose:	Polyclonal Antibody to Tyrosyl tRNA Synthetase (YARS)
Immunogen:	Recombinant Tyrosyl tRNA Synthetase (YARS) corresponding to Gly2~Ser528
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against YARS. It has been selected for its ability to recognize YARS in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

## Target Details

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Target:	YARS (Yars)
Alternative Name:	Tyrosyl tRNA Synthetase ( <a href="#">Yars Products</a> )
Background:	CMTDIC, TYRRS, YRS, YTS, Tyrosine tRNA Ligase 1, Cytoplasmic

## Application Details

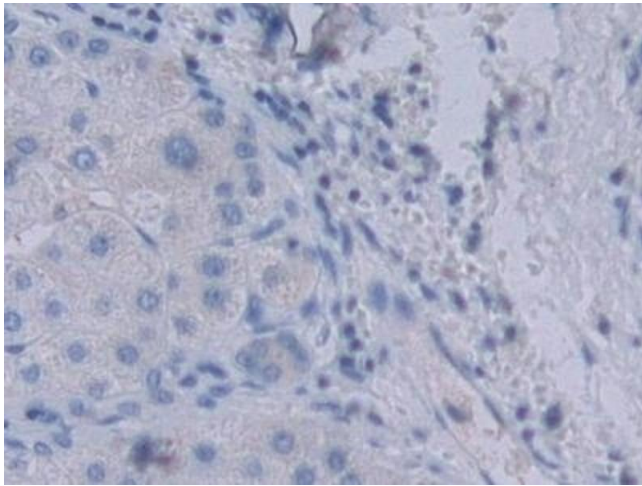
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Application Notes:	Western blotting: 0.5-2 µg/mL Immunocytochemistry in formalin fixed cells: 5-20 µg/mL Immunohistochemistry in formalin fixed frozen section: 5-20 µg/mL Immunohistochemistry in paraffin section: 5-20 µg/mL Enzyme-linked Immunosorbent Assay: 0.05-2 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

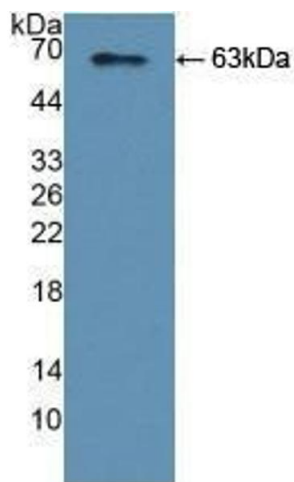
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Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	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



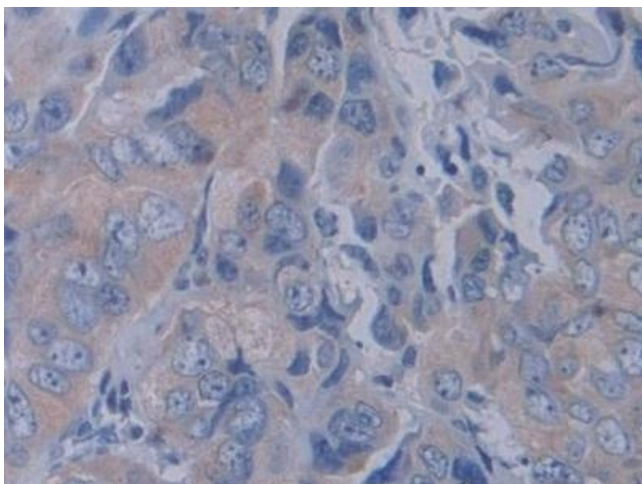
#### Immunohistochemistry

**Image 1.** Detection of YARS in Human Liver cancer Tissue using Polyclonal Antibody to Tyrosyl tRNA Synthetase (YARS)



#### Western Blotting

**Image 2.** Detection of Recombinant YARS, Human using Polyclonal Antibody to Tyrosyl tRNA Synthetase (YARS)



#### Immunohistochemistry

**Image 3.** Detection of YARS in Human Breast cancer Tissue using Polyclonal Antibody to Tyrosyl tRNA Synthetase (YARS)

Please check the [product details page](#) for more images. Overall 7 images are available for ABIN7443434.