

Datasheet for ABIN7444910  
**anti-FARS2 antibody (AA 1-451)**

## 2 Images

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## Overview

Quantity:	100 µL
Target:	FARS2
Binding Specificity:	AA 1-451
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FARS2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

## Product Details

Purpose:	Polyclonal Antibody to Phenylalanyl tRNA Synthetase 2, Mitochondrial (FARS2)
Immunogen:	Recombinant Phenylalanyl tRNA Synthetase 2, Mitochondrial (FARS2) corresponding to Met1~Phe451
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against FARS2. It has been selected for its ability to recognize FARS2 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

## Target Details

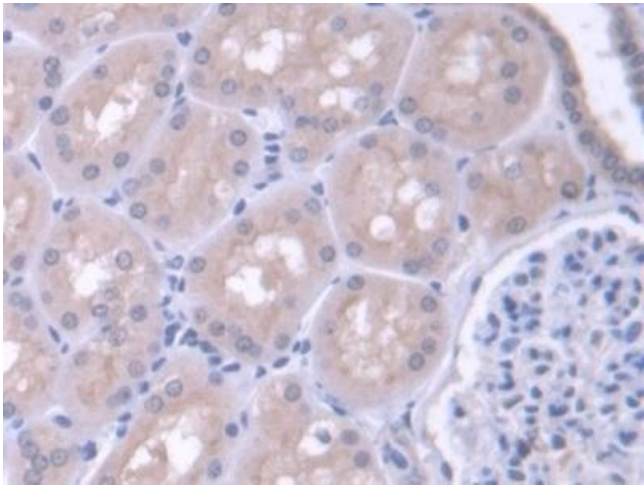
Target:	FARS2
Alternative Name:	Phenylalanyl tRNA Synthetase 2, Mitochondrial ( <a href="#">FARS2 Products</a> )
Background:	FARSL, FRS, HSPC173, PheH, PheRS, FARS1, Phenylalanine-tRNA Synthetase 1, Phenylalanine tRNA Ligase 2

## Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL 1:400-1700 Immunohistochemistry: 5-20 µg/mL 1:40-170 Immunocytochemistry: 5-20 µg/mL 1:40-170 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

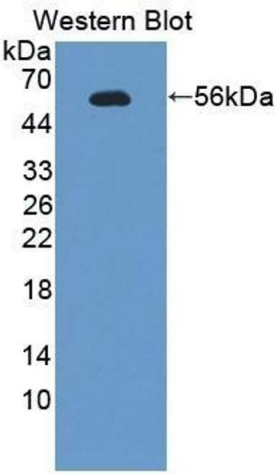
## Handling

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 FARS2 in Human Kidney Tissue using Polyclonal Antibody to Phenylalanyl tRNA Synthetase 2, Mitochondrial (FARS2)



#### Western Blotting

**Image 2.** Detection of Recombinant FARS2, Human using Polyclonal Antibody to Phenylalanyl tRNA Synthetase 2, Mitochondrial (FARS2)