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Datasheet for ABIN5014084  
**anti-FARS2 antibody (AA 1-472)**

4 Images

### Overview

Quantity:	100 µL
Target:	FARS2
Binding Specificity:	AA 1-472
Reactivity:	Rat
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)
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:	Human, Mouse
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

## Target Details

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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

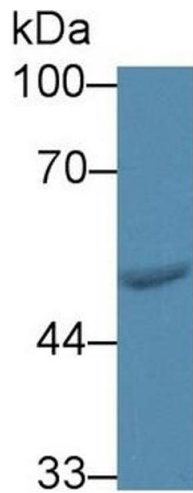
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Application Notes:	Western blotting: 0.5-2 µg/mL 1:250-1000 Immunohistochemistry: 5-20 µg/mL 1:25-100 Immunocytochemistry: 5-20 µg/mL 1:25-100 Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by 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

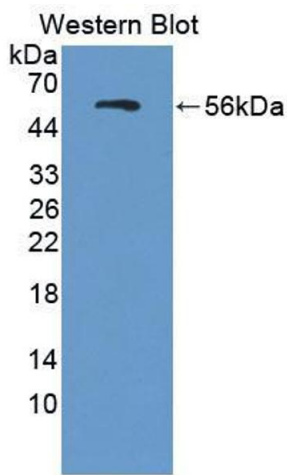
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Format:	Liquid
Concentration:	Lot specific
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



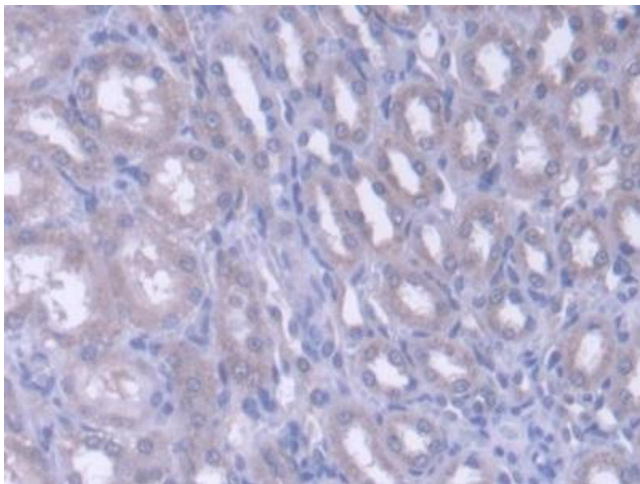
#### Western Blotting

**Image 1.** Western Blot; Sample: Human HeLa cell lysate; Primary Ab: 3µg/ml Rabbit Anti-Rat FARS2 Antibody Second Ab: 0.2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)



#### Western Blotting

**Image 2.** Figure. Western Blot; Sample: Recombinant protein.



#### Immunohistochemistry

**Image 3.** DAB staining on IHC-P; Samples: Rat Kidney Tissue

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN5014084.