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Datasheet for ABIN7117381 **anti-FARS2 antibody**

Overview

Quantity:	100 µg
Target:	FARS2
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FARS2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	phenylalanyl-tRNA synthetase 2, mitochondrial
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

Target Details

Target:	FARS2
Alternative Name:	FARS2 (FARS2 Products)
Background:	Synonyms:FARS1 Background:Is responsible for the charging of tRNA(Phe) with phenylalanine in mitochondrial translation. To a lesser extent, also catalyzes direct attachment of m-Tyr(an oxidized version of Phe) to tRNA(Phe), thereby opening the way for delivery of the misacylated tRNA to the ribosome and incorporation of ROS-damaged amino acid into proteins.

Target Details

Molecular Weight:	48kd
Gene ID:	10667
UniProt:	O95363

Application Details

Application Notes:	WB: 1:500-1:2000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,
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:	-20 °C
Storage Comment:	-20°C for 12 months (Avoid repeated freeze / thaw cycles.)
Expiry Date:	12 months