



[Go to Product page](#)

Datasheet for ABIN6136324
anti-AARS2 antibody (AA 841-985)

1 Image

Overview

Quantity:	100 µL
Target:	AARS2
Binding Specificity:	AA 841-985
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AARS2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 841-985 of human AARS2 (NP_065796.1).
Sequence:	RRELLATVKM LQRRANTAIR KLQMGQAACK TQELLERHSK GPLIVDTVSA ESLSVLVKVV RQLCEQAPST SVLLLSPQPM GKVLCACQVA QGAMPTFTAE AWALAVCSHM GGKAWGSRVV AQGTGSTDDL EAALSIAQTY ALSQL
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

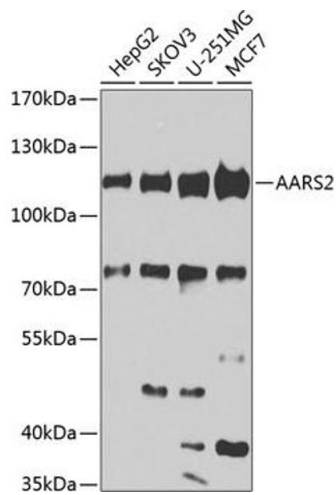
Target:	AARS2
Alternative Name:	AARS2 (AARS2 Products)
Background:	The protein encoded by this gene belongs to the class-II aminoacyl-tRNA synthetase family. Aminoacyl-tRNA synthetases play critical roles in mRNA translation by charging tRNAs with their cognate amino acids. The encoded protein is a mitochondrial enzyme that specifically aminoacylates alanyl-tRNA. Mutations in this gene are a cause of combined oxidative phosphorylation deficiency 8.,AARS2,AARSL,COXPD8,LKENP,MT-ALARS,MTALARS,Epigenetics & Nuclear Signaling,AARS2
Molecular Weight:	107 kDa
Gene ID:	57505
UniProt:	Q5JZ9

Application Details

Application Notes:	WB,1:500 - 1:2000
Comment:	HIGH QUALITY
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,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:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using antibody (ABIN6131161, ABIN6136324, ABIN6136325 and ABIN6223795) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 20s.