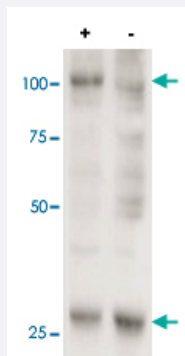


AARS2 polyclonal antibody

Catalog # PAB25452 Size 100 ug

Applications



Western Blot (Transfected lysate)

Cell line 143B overexpressing human AARS2 and probed with AARS2 polyclonal antibody (Cat # PAB25452) (mock transfection in second lane). Data obtained from Henna.Tynismaa, University of Helsinki, Finland.

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of AARS2.
Immunogen	A synthetic peptide corresponding to amino acids 478-489 at internal region of human AARS2.
Sequence	CQHRARQAEPVQK
Host	Goat
Theoretical MW (kDa)	100
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Recommend Usage	ELISA (1:32000) Western Blot (1-3 ug/mL) The optimal working dilution should be determined by the end user.

Storage Buffer	In Tris saline, pH 7.3 (0.02% sodium azide, 0.5% BSA)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Transfected lysate)

Cell line 143B overexpressing human AARS2 and probed with AARS2 polyclonal antibody (Cat # PAB25452) (mock transfection in second lane).

Data obtained from Henna.Tyynismaa, University of Helsinki, Finland.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — AARS2

Entrez GeneID	57505
Protein Accession#	NP_065796.1
Gene Name	AARS2
Gene Alias	AARSL, KIAA1270, MT-ALARS, MTALARS, bA444E17.1
Gene Description	alanyl-tRNA synthetase 2, mitochondrial (putative)
Gene Ontology	Hyperlink
Gene Summary	O
Other Designations	OTTHUMP00000016528 OTTHUMP00000039883 alanine tRNA ligase 2, mitochondrial (putative) alanyl-tRNA synthetase 2, mitochondrial alanyl-tRNA synthetase like

Pathway

- [Aminoacyl-tRNA biosynthesis](#)