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Research Use Only. Not for diagnostic or therapeutic use.

EB11432 - Goat Anti-AARS2 (aa478-489) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: AARSL, alanine tRNA ligase 2, mitochondrial (putative), alanine--tRNA ligase, alanyl-tRNA synthetase 2, mitochondrial (putative), alanyl-tRNA synthetase like, alanyl-tRNA synthetase, mitochondrial, alaRS, bA444E17.1, COXPD8, KIAA1270, MTALARS, MT-ALARS, OTTHUMP00000016528, probable alanyl-tRNA synthetase,

mitochondrial, AARS2

Official Symbol: AARS2

Accession Number(s): NP_065796.1

Human GeneID(s): 57505

Immunogen

Peptide with sequence C-QHRARQAEPVQK, from the internal region of the protein sequence according to NP_065796.1.

Please note the peptide is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

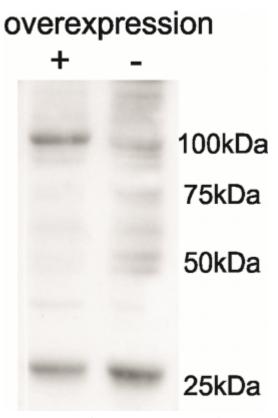
Peptide ELISA: antibody detection limit dilution 1:32000.

Western blot: In transfected 143B transiently expressing Human AARS2 a band of approx. 100kDa is observed. This band is barely visible in the non-transfected 143B. The calculated molecular size is 107kDa according to NP_065796.1. Recommended concentration, 1-3µg/ml. An additional non-specific 26kDa was observed. We call for caution when used for other assays than Western blot.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human



Cell line 143B overexpressing Human AARS2 and probed with EB11432 (mock transfection in second lane).

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