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Research Use Only. Not for diagnostic or therapeutic use.

EB09650 - Goat Anti-AARSD1 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: AARSD1, alanyl-tRNA synthetase domain containing 1, MGC2744

Official Symbol: AARSD1

Accession Number(s): NP_001129514.2; NP_079543.1; NP_001136125.1;

NP_001136126.1

Human GeneID(s): 80755

Important Comments: This antibody is expected to recognize all reported isoforms

(NP_001129514.2; NP_079543.1; NP_001136125.1; NP_001136126.1).

Immunogen

Peptide with sequence C-IEFYAKVNSKDSQDK, from the internal region of the protein sequence according to NP_001129514.2; NP_079543.1; NP_001136125.1; NP_001136126.1.

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: Approx 75kDa band observed in lysates of cell line A549 (calculated MW of 65.7kDa according to NP_001129514.2). Recommended concentration: 0.5 -2µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Dog, Cow

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa

EB09650 (1 μ g/ml) staining of A549 lysate (35 μ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.