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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

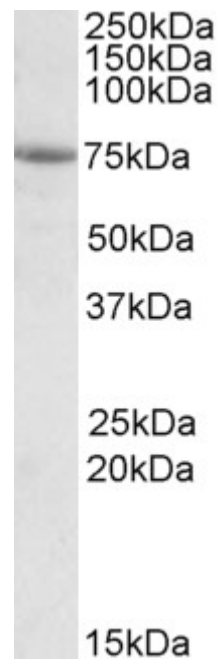
Peptide ELISA: antibody detection limit dilution 1:32000.

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



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