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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 GenelD(s): <u>80755</u> 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.

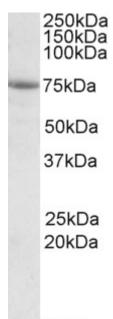
Applications Tested

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





15kDa

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