



## International Office

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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

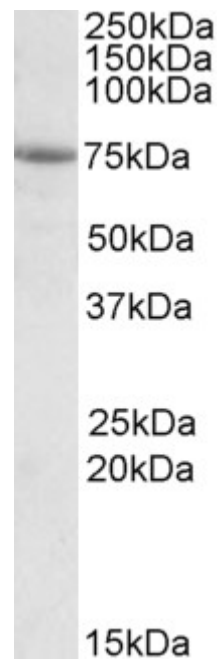
**Peptide ELISA:** antibody detection limit dilution 1:32000.

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