



## UK Office

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**Research Use Only. Not for  
diagnostic or therapeutic use.**

## EB09780 - Goat Anti-RARS Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** arginine tRNA ligase 1, cytoplasmic, arginyl-tRNA synthetase, ArgRS, DALRD1, MGC8641, RARS

**Official Symbol:** RARS1

**Accession Number(s):** NP\_002878.2

**Human GeneID(s):** [5917](#)

**Non-Human GeneID(s):** 104458 (mouse), 287191 (rat)

### Immunogen

Peptide with sequence C-SLQAERNKPTKN, from the internal region of the protein sequence according to NP\_002878.2.

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 1:128000.

**Western blot:** Approx 75kDa band observed in lysates of HeLa and HepG2 (calculated MW of 75.4kDa according to NP\_002878.2). Recommended concentration: 1-3µg/ml.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human, Mouse, Rat, Cow



EB09780 (1µg/ml) staining of HepG2 lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour.  
Detected by chemiluminescence.