

## **UK Office**

#### **Everest Biotech Ltd**

Cherwell Innovation Centre 77 Heyford Park Upper Heyford Oxfordshire OX25 5HD UK

Enquiries: info@everestbiotech.com Sales:

sales@everestbiotech.com Tech support: support@everestbiotech.com

Tel: +44 (0)1869 238326

#### www.everestbiotech.com

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 GenelD(s): <u>5917</u> Non-Human GenelD(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.

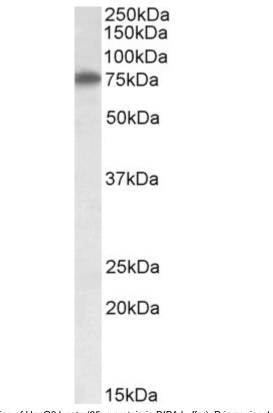
# **Applications Tested**

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.