

Goat anti-RARS Antibody

Item Number	dAP-1961
Target Molecule	Principle Name: RARS; Official Symbol: RARS; All Names and Symbols: RARS; arginyl-tRNA synthetase; ArgRS; DALRD1; MGC8641; arginine tRNA ligase 1, cytoplasmic; Accession Number (s): NP_002878.2; Human Gene ID(s): 5917; Non-Human GeneID(s): 104458 (mouse) 287191 (rat)
Immunogen	SLQAERNKPTKN, is from internal region
Applications	Pep ELISA, WB Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 128000.
Western Blot	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.
IHC	

Reference	Reference(s): Bottoni A, Vignali C, Piccin D, Tagliati F, Luchin A, Zatelli MC, Uberti EC, Proteasomes and RARS modulate AIMP1/EMAP II secretion in human cancer cell lines. Journal of cellular physiology 2007 Aug 212 (2): 293-7..PMID: 17443684->
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Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**