

Goat anti-AARSD1 Antibody

Item Number	dAP-1913
Target Molecule	Principle Name: AARSD1; Official Symbol: AARSD1; All Names and Symbols: AARSD1; alanyl-tRNA synthetase domain containing 1; MGC2744; Accession Number (s): NP_001129514.2; NP_079543.1; NP_001136125.1; NP_001136126.1; Human Gene ID(s): 80755; Non-Human GeneID(s):
Immunogen	IEFYAKVNSKDSQDK, is from internal region This antibody is expected to recognize all reported isoforms (NP_001129514.2; NP_079543.1; NP_001136125.1; NP_001136126.1).
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 32000.
Western Blot	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.
IHC	
Reference	Reference(s): Miki Y, Swensen J, Shattuck-Eidens D, Futreal PA, Harshman K, Tavtigian S, Liu Q, Cochran C, Bennett LM, Ding W, A strong candidate for the breast and ovarian cancer susceptibility gene BRCA1. Science (New York, N.Y.) 1994 Oct 266 (5182): 66-71.. PMID: 7545954->

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 end users! This product is sold for **Research Use Only**