

Goat anti-AIRE (isoforms 1 + 2) Antibody

Item Number	dAP-0973
Target Molecule	Principle Name: AIRE (isoforms 1 + 2); Official Symbol: AIRE; All Names and Symbols: AIRE; autoimmune regulator (autoimmune polyendocrinopathy candidiasis ectodermal dystrophy); AIRE1; APECED; APS1; APS1; PGA1 ; autoimmune regulator (APECED protein); autoimmune regulator (autoimmune polyendocrinopathy candidiasis ectodermal dystrophy); a; Accession Number (s): NP_000374.1; NP_000649.1; Human Gene ID(s): 326; Non-Human GeneID(s): 11634 (mouse)
Immunogen	KAKPPKKPESSAEQ, is from internal region
Applications	Pep ELISA, WB Species Tested: Human, Mouse
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 64000.
Western Blot	Western Blot: Approx 55kDa band observed in human spleen lysates (calculated MW of 57.7kDa according to NP_000374.1). Recommended concentration: 0.3-1µg/ml.
IHC	
Reference	Reference(s): Niki S, Oshikawa K, Mouri Y, Hirota F, Matsushima A, Yano M, Han H, Bando Y, Izumi K, Matsumoto M, Nakayama KI, Kuroda N, Matsumoto M. Alteration of intra-pancreatic target-organ specificity by abrogation of Aire in NOD mice. <i>J Clin Invest.</i> 2006 May;116(5):1292-301. Epub 2006 Apr 20. PMID: 16620000

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**