

## Goat anti-AIRE (isoforms 1 + 2) Antibody

<b>Item Number</b>	dAP-0973
<b>Target Molecule</b>	Principle Name: AIRE (isoforms 1 + 2); Official Symbol: AIRE; All Names and Symbols: AIRE; autoimmune regulator (autoimmune polyendocrinopathy candidiasis ectodermal dystrophy); AIRE1; APECED; APS1; APSI; PGA1 ; autoimmune regulator (APECED protein); autoimmune regulator (automimmune 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)
<b>Immunogen</b>	KAKPPKKPESSAEQ, is from internal region
<b>Applications</b>	Pep ELISA, WB Species Tested: Human, Mouse
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	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.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 64000.
<b>Western Blot</b>	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.
<b>IHC</b>	
<b>Reference</b>	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. J Clin Invest. 2006 May;116(5):1292-301. Epub 2006 Apr 20. .PMID:

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**