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Research Use Only. Not for diagnostic or therapeutic use.

Storage: For long-term storage keep aliquots at -20°C. (Store no longer than 12 months at 4°C). Minimize freezing and thawing.

EB07267 - Goat Anti-AIRE (isoform 1) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: autoimmune regulator AIRE, autoimmune regulator (autoimmune polyendocrinopathy candidiasis ectodermal dystrophy), autoimmune regulator (APECED protein), PGA1, APSI, APS1, APECED, AIRE1, autoimmune regulator (autoimmune polyendocrinopathy candidiasis ectodermal dystrophy), AIRE

Official Symbol: AIRE

Accession Number(s): NP_000374.1

Human GeneID(s): [326](#)

Important Comments: This antibody is expected to recognise isoform 1 (NP_000374.1) only.

Immunogen

Peptide with sequence C-KDVLSQPRKGRKP, from the internal region of the protein sequence according to NP_000374.1.

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 1:32000.

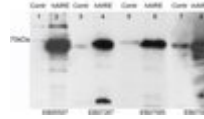
Western blot: Appr. 60kDa in transfected HEK293 lysates (calculated MW of 57.7kDa according to NP_000374.1). Recommended concentration: 0.5-1.0 µg/ml.

IHC: In paraffin embedded Human Thymus shows nuclear staining in select thymocytes. Recommended concentration, 2.5µg/ml.

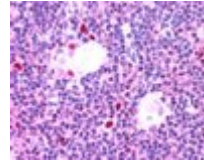
Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Rat, Dog, Cow



EB07267 staining (0.05 μ g/ml) of HEK293 cell lysates. Untransfected (Lane 3) and transfected with Human AIRE (lane 4). Data kindly provided by Prof. Pärt Peterson, University of Tartu, Estonia.



EB07267 (2.5 μ g/ml) staining of paraffin embedded Human Thymus. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.