

Goat AIRE Polyclonal Antibody | anti-AIRE antibody

Goat anti-AIRE (isoform 1) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA61112	Goat	Tested: Human, Pig; Expected from sequence similarity: Human, Rat, Dog, Cow	Immunohistochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

AIRE; Polyclonal Antibody; Goat anti-AIRE (isoform 1) Antibody; Goat Anti-AIRE (isoforms 1 and 2) Antibody; autoimmune regulator (autoimmune polyendocrinopathy candidiasis ectodermal dystrophy); AIRE1; APECED; APS1; APSI; PGA1; autoimmune regulator (APECED protein); autoimmune regulator (automimmune polyendocrinopathy candidiasis ectodermal dystrophy); AIRE antibody; autoimmune regulator (autoimmune polyendocrinopathy candidiasis ectodermal dystrophy) antibody; AIRE1 antibody; APECED antibody; APS1 antibody; APSI antibody; PGA1 antibody; autoimmune regulator (APECED protein) antibody; autoimmune regulator (automimmune polyendocrinopathy candidiasis ectodermal dystrophy) antibody; autoimmune regulator AIRE antibody; AIRE (isoform 1); anti-AIRE antibody

PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Tested: Human, Pig; Expected from sequence similarity: Human, Rat, Dog, Cow
Clonality	Polyclonal
Purity/Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Form/Format	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Concentration	100ug specific antibody in 200ul (varies by lot)
Sequence	KDVDLSQPRK GRKP
Sequence Length	545
Applicable Applications for anti-AIRE antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA (Peptide ELISA)
Immunogen	Peptide with sequence C-KDVDLSQPRKGRKP, from the internal region of the protein sequence according to NP_000374.1.
Epitope	Internal region
Note	This antibody is expected to recognise isoform 1 (NP_000374.1) only.
Preparation and Storage	Aliquot and store at -20 degree C. Minimize freezing and thawing.

IMAGES



IHC (Immunohistochemistry)

2.5ug/ml staining of paraffin embedded Human Thymus. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



WB (Western Blot)

Staining (0.05ug/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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557291
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NCBI GeneID	326
NCBI Accession #	NP_000374.1
NCBI GenBank Nucleotide #	NM_000383.3
Molecular Weight	36,501 Da
NCBI Official Full Name	autoimmune regulator
NCBI Official Synonym Full Names	autoimmune regulator
NCBI Official Symbol	AIRE
NCBI Official Synonym Symbols	APS1; APSI; PGA1; AIRE1; APECED
NCBI Protein Information	autoimmune regulator
UniProt Protein Name	Autoimmune regulator
UniProt Gene Name	AIRE
UniProt Synonym Gene Names	APECED; APECED protein
UniProt Entry Name	AIRE_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/aire-antibody-immunohistochemistry-western-blot-peptide-elisa-elisa/61112>