

Rabbit anti-Human, mouse AIRE Polyclonal Antibody | anti-AIRE antibody

AIRE Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287732	Rabbit	Human, mouse	Immunofluorescence, ELISA, Western Blot

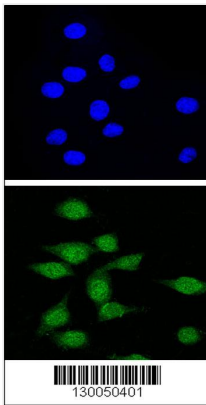
PRODUCT SYNONYMS

AIRE; Polyclonal Antibody; AIRE Antibody (Center); Autoimmune regulator; Autoimmune polyendocrinopathy candidiasis ectodermal dystrophy protein; APECED protein; APECED; anti-AIRE antibody

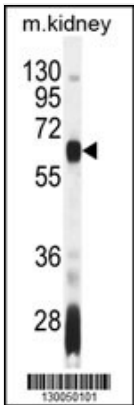
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This AIRE antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 64-92 amino acids from the Central region of human AIRE.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	64-92
Sequence Length	348
Applicable Applications for anti-AIRE antibody	IF (Immunofluorescence), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IF (Immunofluorescence)
Confocal immunofluorescent analysis of AIRE Antibody (Center) with 293 cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used to stain the cell nuclear (blue).



WB (Western Blot)
AIRE Antibody (Center) western blot analysis in mouse kidney tissue lysates (35ug/lane).This demonstrates the AIRE antibody detected the AIRE protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-AIRE antibody	This gene encodes a transcriptional regulator that forms nuclear bodies and interacts with the transcriptional coactivator CBP. At least three splice variant mRNAs products have been described including one which results in a premature stop codon and a transcript predicted to be a candidate for nuclear-mediated decay (NMD). Defects in this gene cause the rare autosomal-recessive systemic autoimmune disease termed autoimmune polyendocrinopathy-candidiasis-ectodermal dystrophy (APECED).
Product Categories/Family for anti-AIRE antibody	Immunology
References	Cervato, S., et al. Clin. Endocrinol. (Oxf) 73(5):630-636(2010) Ruano, G., et al. Pharmacogenomics 11(7):959-971(2010) Conteduca, G., et al. Clin. Immunol. 136(1):96-104(2010) Colome, N., et al. J. Proteome Res. 9(5):2600-2609(2010) Gu, B., et al. Biochem. Biophys. Res. Commun. 394(2):418-423(2010)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557291
NCBI GeneID	326
NCBI Accession #	NP_000374.1
NCBI GenBank Nucleotide #	NM_000383.3
UniProt Accession #	O43918; O43922; O43932; O75745; B2RP50
Molecular Weight	57727
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://www.aaabiotech.com/polyclonal/aire-antibody-immunofluorescence-western-blot-elisa/287732>