

Rabbit AIRE Polyclonal Antibody | anti-AIRE antibody

AIRE Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA170743	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

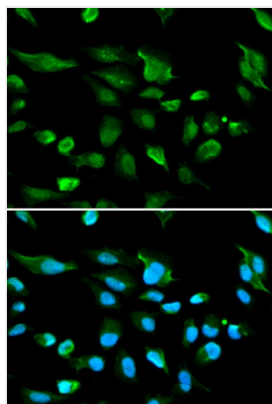
PRODUCT SYNONYMS

AIRE; Polyclonal Antibody; AIRE Antibody; APS1; APSI; PGA1; AIRE1; APECED; anti-AIRE antibody

PRODUCT SPECIFICATIONS

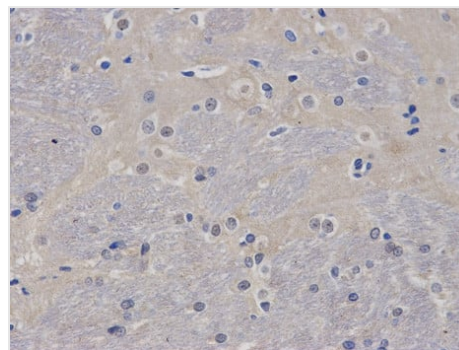
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	1mg/mL (varies by lot)
Sequence Length	515
Applicable Applications for anti-AIRE antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide of human AIRE
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-17986 / sc-17985 / sc-33189 / sc-33188
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



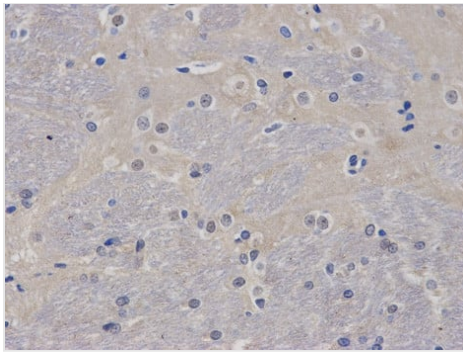
IF (Immunofluorescence)

Immunofluorescence analysis of A549 cell using AIRE antibody. Blue: DAPI for nuclear staining.



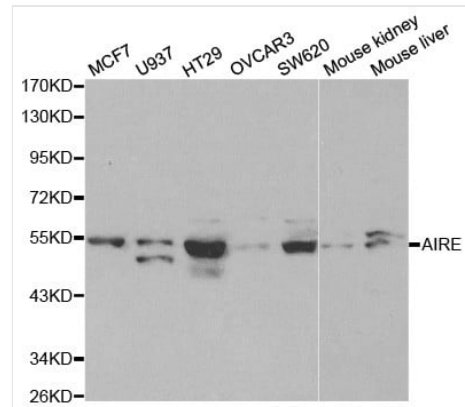
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat brain using AIRE antibody at dilution of 1:100 (400x lens).



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse spleen using AIRE antibody at dilution of 1:100 (200x lens).



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using AIRE antibody.

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 CREB binding protein. The encoded protein plays an important role in immunity by regulating the expression of autoantigens and negative selection of autoreactive T-cells in the thymus. Mutations in this gene cause the rare autosomal-recessive systemic autoimmune disease termed autoimmune polyendocrinopathy with candidiasis and ectodermal dystrophy (APECED). [provided by RefSeq, Jun 2012]

NCBI AND UNIPROT INFORMATION

NCBI GI #	3392940
NCBI GeneID	326
UniProt Accession #	O43918; O43922; O43932; O75745; B2RP50
Molecular Weight	36,501 Da
NCBI Official Full Name	AIRE
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; autoimmune polyendocrinopathy candidiasis ectodermal dystrophy protein
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-immunofluorescence-immunohistochemistry-western-blot-elisa/170743>