

Datasheet for ABIN184780
anti-AIRE antibody (C-Term)

8 Images

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Overview

Quantity:	100 µg
Target:	AIRE
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This AIRE antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunohistochemistry (IHC), Flow Cytometry (FACS)

Product Details

Purpose:	AIRE
Immunogen:	Peptide with sequence C-QSMARPAAPFPS, from the C Terminus of the protein sequence according to NP_000374.1, NP_000649.1.
Sequence:	QSMARPAAPF PS
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

Target:	AIRE
Alternative Name:	AIRE (AIRE Products)
Background:	AIRE, autoimmune regulator (automimmune polyendocrinopathy candidiasis ectodermal dystrophy), APS1, APSI, PGA1, APECED, AIRE protein, autoimmune regulator (APECED protein), autoimmune regulator (autoimmune polyendocrinopathy candidiasis ectodermal dystrop
Gene ID:	326
NCBI Accession:	NP_000374
Pathways:	Chromatin Binding

Application Details

Application Notes:	<p>Immunohistochemistry: In paraffin embedded Human Thymic medula shows staining of select nuclei. Recommended concentration: 2.5 µg/mL.</p> <p>Western Blot: Preliminary testing showed an approx 60 kDa band in nuclear lysates of cell line Jurkat and in Human Spleen lysates (calculated MW of 57.7 kDa according to NP_000374.1). Recommended concentration: 1-2 µg/mL. Primary incubation 1 hour at room t</p> <p>Peptide ELISA: antibody detection limit dilution 1:128000.</p>
Comment:	<p>Immunofluorescence: Strong expression of the protein seen in the nucleoplasm and nuclear membranes of U2OS and HeLa cells. Recommended concentration: 10µg/ml.</p> <p>Flow Cytometry: Flow cytometric analysis of Jurkat cells. R</p>
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.

Handling

Storage: -20 °C

Storage Comment: Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.

Images

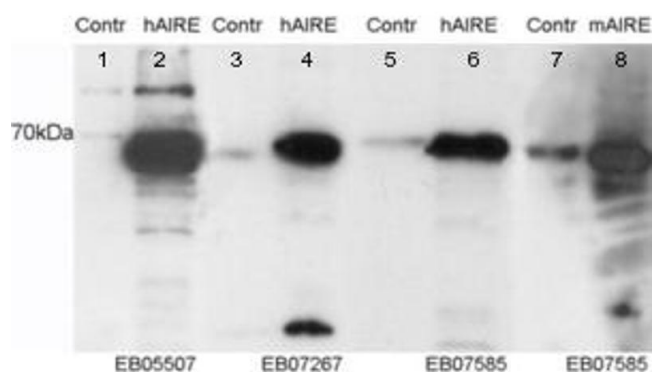
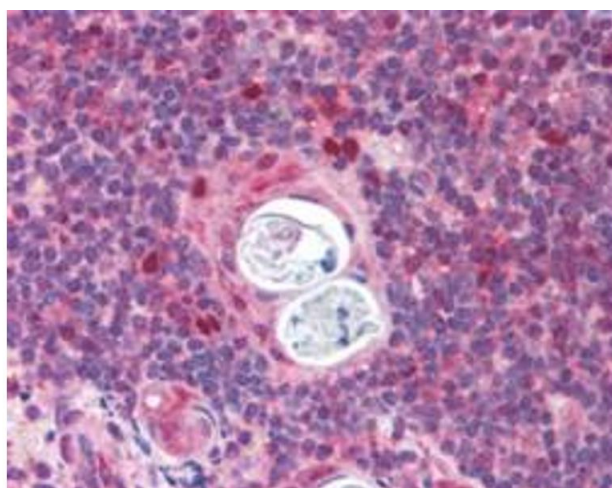
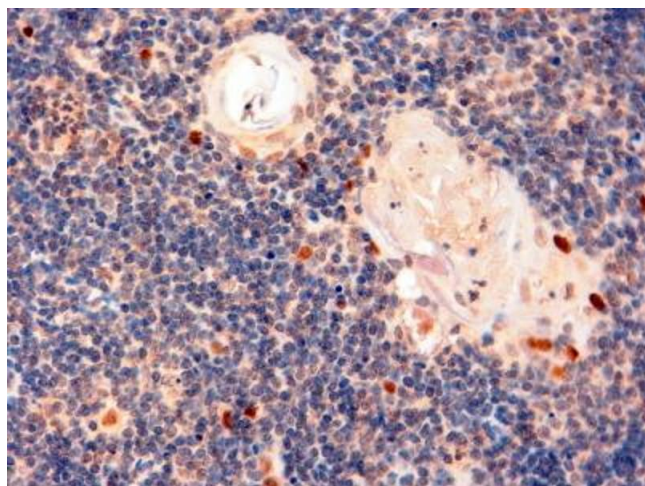


Image 1. ABIN184780 staining (0.01µg/ml) of HEK293 cell lysate. Untransfected (Lane 1) and transfected with Human AIRE (lane 2). Data kindly provided by Prof. Pärt Peterson, University of Tartu, Estonia.



Immunohistochemistry

Image 2. ABIN184780 (2.5µg/ml) staining of paraffin embedded Human Thymus. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Immunohistochemistry

Image 3. ABIN184780 (2µg/ml) staining of paraffin embedded Human Thymus. Steamed antigen retrieval with Tris/EDTA buffer pH 9, HRP-staining.

Please check the [product details page](#) for more images. Overall 8 images are available for ABIN184780.