

Datasheet for ABIN263154  
**anti-AIRE antibody (Internal Region)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	100 µg
Target:	AIRE
Binding Specificity:	Internal Region
Reactivity:	Human, Mouse
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This AIRE antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

## Product Details

Purpose:	AIRE
Immunogen:	Peptide with sequence C-KAKPPKKPESSAEQ, from the internal region of the protein sequence according to NP_000374.1, NP_000649.1.
Sequence:	KAKPPKKPES SAEQ
Isotype:	IgG
Cross-Reactivity:	Cow, Human, Pig, Rat
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 ( <a href="#">AIRE Products</a> )
Background:	AIRE, autoimmune regulator (autoimmune polyendocrinopathy candidiasis ectodermal dystrophy), AIRE1, APECED, APS1, APSI, PGA1 , autoimmune regulator (APECED protein), autoimmune regulator (automimmune polyendocrinopathy candidiasis ectodermal dystrophy), a
Gene ID:	326, 11634
NCBI Accession:	<a href="#">NP_000374</a>
Pathways:	<a href="#">Chromatin Binding</a>

## Application Details

Application Notes:	Western Blot: Approx 55 kDa band observed in human spleen lysates (calculated MW of 57.7 kDa according to NP_000374.1). Recommended concentration: 0.3-1 µg/mL. Peptide ELISA: antibody detection limit dilution 1:64000.
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.
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.



Western Blotting

**Image 1.** ABIN263154 (0.3µg/ml) staining of human spleen lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.