

Datasheet for ABIN7138747  
**anti-AIRE antibody (pSer156)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	100 µL
Target:	AIRE
Binding Specificity:	pSer156
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AIRE antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

## Product Details

Immunogen:	Peptide sequence around phosphorylation site of Serine156 P-G-S(p)-Q-L) derived from Human AIRE.
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using

## Target Details

Target:	AIRE
Alternative Name:	AIRE ( <a href="#">AIRE Products</a> )

## Target Details

Background:	<p>Background:</p> <p>The function of the protein encoded by this gene is not well defined, however it contains zinc finger motifs suggestive of a transcription factor. The protein (isoform 1) is localized to both the nucleus and cytoplasm. Three splice variant mRNAs products have been described [1]. The longer AIRE-1 mRNA appears to be more abundant and includes exons 1 through 14. Splice variant AIRE-2 includes a portion of the non-coding region of exon 1, an alternatively spliced longer exon 8, plus exons 9 through 14. Variant AIRE-3 includes the same exon 1-8-9 sequences as found in AIRE-2 but utilizes additional alternative splicing in exon 10 that shifts the reading frame such that a stop codon in exon 12 is utilized.</p> <p>Nagamine K., Nat. Genet. 17:393-398(1997).</p> <p>Aaltonen J., Nat. Genet. 17:399-403(1997).</p> <p>Hattori M., Nature 405:311-319(2000).</p> <p>Aliases: AIRE antibody, AIRE_HUMAN antibody, AIRE1 antibody, APECED antibody, APECED protein antibody, APS1 antibody, APSI antibody, Autoimmune polyendocrinopathy candidiasis ectodermal dystrophy protein antibody, Autoimmune regulator antibody, Autoimmune regulator protein antibody, PGA1 antibody</p>
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UniProt:	<a href="#">O43918</a>
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Pathways:	<a href="#">Chromatin Binding</a>
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## Application Details

Application Notes:	WB:1:500-1:1000,
Restrictions:	For Research Use only

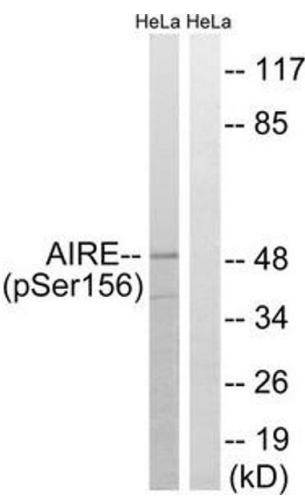
## Handling

Format:	Liquid
Buffer:	Rabbit IgG in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C

Handling

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

Images



Western Blotting

**Image 1.** Western blot analysis of extracts from HeLa cells treated with Hu using AIRE (Phospho-Ser156) Antibody. The lane on the right is treated with the antigen-specific peptide.