

Datasheet for ABIN655031
anti-AIRE antibody (AA 64-92)

2 Images

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Overview

Quantity:	400 µL
Target:	AIRE
Binding Specificity:	AA 64-92
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AIRE antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Immunogen:	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.
Clone:	RB30050
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	AIRE
Alternative Name:	AIRE (AIRE Products)
Background:	This gene encodes a transcriptional regulator that forms nuclear bodies and interacts with the

Target Details

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).

Molecular Weight: 57727

Gene ID: 326

NCBI Accession: [NP_000374](#)

UniProt: [O43918](#)

Pathways: [Chromatin Binding](#)

Application Details

Application Notes: IF: 1:10~50. WB: 1:2000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

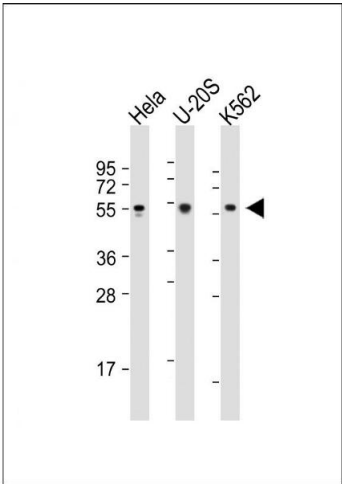
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

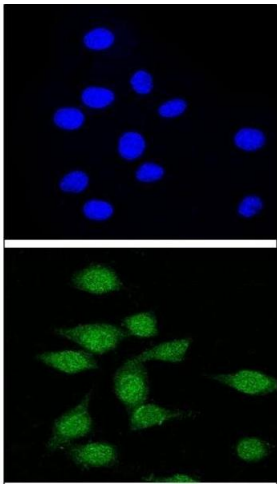
Storage Comment: Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.

Expiry Date: 6 months



Western Blotting

Image 1. All lanes : Anti-AIRE Antibody (Center) at 1:2000 dilution Lane 1: HeLa whole cell lysate Lane 2: U-20S whole cell lysate Lane 3: K562 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/2000 dilution. Predicted band size : 58 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.



Immunofluorescence

Image 2. Confocal immunofluorescent analysis of AIRE Antibody (Center) (ABIN655031 and ABIN2844662) with 293 cell followed by Alexa Fluor® 488-conjugated goat anti-rabbit IgG (green). DI was used to stain the cell nuclear (blue).