

A14183

Leader in Biomolecular Solutions for Life Science



AIRE Rabbit pAb

Catalog No.: A14183

Basic Information

Observed MW

50kDa

Calculated MW

58kDa

Category

Polyclonal Antibody

Applications

WB,ELISA

Cross-Reactivity

Human,Mouse,Rat

Background

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).

Recommended Dilutions

WB 1:500 - 1:2000

Immunogen Information

Gene ID

326

Swiss Prot

O43918

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-280 of human AIRE (NP_000374.1).

Synonyms

APS1; APSI; PGA1; AIRE1; APECED; AIRE

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

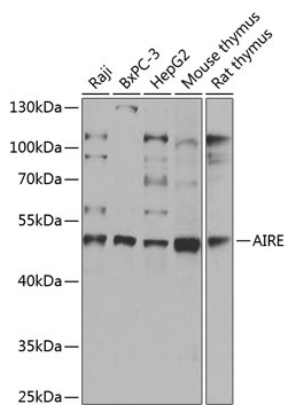
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

Validation Data



Western blot analysis of extracts of various cell lines, using AIRE antibody (A14183) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25 μ g per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 1s.