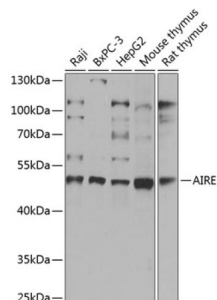


Autoimmune Regulator (AIRE) Antibody

Catalogue No.: abx001466



Western blot analysis of extracts of various cell lines using AIRE Antibody (1/1000 dilution).

AIRE Antibody is a Rabbit Polyclonal antibody against AIRE. 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). [provided by RefSeq, Jun 2012].

Target: Autoimmune Regulator (AIRE)

Clonality: Polyclonal

Reactivity: Human, Mouse, Rat

Tested Applications: WB

Host: Rabbit

Recommended dilutions: WB: 1/500 - 1/2000. Optimal dilutions/concentrations should be determined by the end user.

Conjugation: Unconjugated

Immunogen: Recombinant fusion protein corresponding to human AIRE

Isotype: IgG

Form: Liquid

Purification: Purified by affinity chromatography.

Storage: Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.

UniProt Primary AC: O43918 ([UniProt](#), [ExPASy](#))

Datasheet

Version: 3.0.0

Revision date: 28 Jun 2025



Gene Symbol: AIRE

GeneID: [326](#)

NCBI Accession: NP_000374.1

KEGG: hsa:326

String: [9606.ENSP00000291582](#)

Molecular Weight: Calculated MW: 25 kDa/35 kDa/36 kDa/57 kDa
Observed MW: 50 kDa

Buffer: PBS, pH 7.3, containing 0.02% sodium azide, 50% glycerol.

Concentration: 1 mg/ml

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only