

Datasheet: VPA00898

Description:	RABBIT ANTI AIRE
Specificity:	AIRE
Format:	Purified
Product Type:	PrecisionAb Polyclonal
Isotype:	Polyclonal IgG
Quantity:	100 µl

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Western Blotting	■			1/1000

The PrecisionAb label is reserved for antibodies that meet the defined performance criteria within Bio-Rad's ongoing antibody validation programme. Click [here](#) to learn how we validate our PrecisionAb range. Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Further optimization may be required dependent on sample type.

Target Species	Human
Species Cross Reactivity	<p>Reacts with: Mouse</p> <p>N.B. Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.</p>
Product Form	Purified IgG - liquid
Preparation	Rabbit polyclonal antibody purified by affinity chromatography on immunogen
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	<p>0.09% Sodium Azide</p> <p><50% Glycerol</p>
Immunogen	Synthetic peptide of human AIRE

External Database**Links****UniProt:**[O43918](#)[Related reagents](#)**Entrez Gene:**[326](#)

AIRE

[Related reagents](#)

Synonyms

APECED

Specificity

Rabbit anti Human AIRE antibody recognizes AIRE, also known as autoimmune polyendocrinopathy candidiasis ectodermal dystrophy protein.

AIRE 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 AIRE cause the rare autosomal-recessive systemic autoimmune disease termed autoimmune polyendocrinopathy with candidiasis and ectodermal dystrophy (APECED) (provided by RefSeq, Jun 2012).

Rabbit anti Human AIRE antibody detects a band of 58 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

Western Blotting

Anti AIRE antibody recognizes a band of approximately 58 kDa in Ramos cell lysates

Storage

Store undiluted at -20°C, avoiding repeated freeze thaw cycles

Guarantee

12 months from date of despatch

Acknowledgements

PrecisionAb is a trademark of Bio-Rad Laboratories

Health And Safety Information

Material Safety Datasheet documentation #10049 available at:
<https://www.bio-rad-antibodies.com/SDS/VPA00898>
10049

Regulatory

For research purposes only

Related Products

Recommended Secondary Antibodies

Goat Anti Rabbit IgG (H/L) (STAR208...) [HRP](#)

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To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://www.bio-rad-antibodies.com/datasheets)

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