

## Phospho-AIRE (Ser156) Rabbit Polyclonal Antibody

### Catalog #: EAB13647

| Host/Isotype | Clonality  | Applications | MW (kDa) | Reactivity        |
|--------------|------------|--------------|----------|-------------------|
| Rabbit IgG   | Polyclonal | WB, ELISA    | 58       | Human, Mouse, Rat |

### Applications Dilutions

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

|                                                  |              |
|--------------------------------------------------|--------------|
| <b>WB</b> (Western Blotting)                     | 1:500-2000   |
| <b>ELISA</b> (Enzyme-linked Immunosorbent Assay) | 1:5000-20000 |

### Product Information

|                       |                                                                                                                                         |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| <b>Conjugate</b>      | Unconjugate                                                                                                                             |
| <b>Specificity</b>    | Phospho-AIRE (Ser156) Rabbit Polyclonal Antibody detects endogenous levels of AIRE protein only when phosphorylated at Ser156.          |
| <b>Purification</b>   | Affinity purification                                                                                                                   |
| <b>Concentration</b>  | 1mg/ml                                                                                                                                  |
| <b>Format</b>         | Liquid                                                                                                                                  |
| <b>Formulation</b>    | In PBS, pH 7.4, Containing 0.02% sodium azide, 0.5% BSA and 50% Glycerol.                                                               |
| <b>Shipping</b>       | Gel Pack                                                                                                                                |
| <b>Storage</b>        | Store at -20°C least 1 year from the date of shipment. Avoid repeated freeze/thaw cycles. Aliquots may be stored at +4°C for 1-2 weeks. |
| <b>UniProt ID</b>     | <a href="#">Q43918</a>                                                                                                                  |
| <b>Entrez-Gene ID</b> | <a href="#">326</a>                                                                                                                     |

### Product Description

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).