

Product datasheet for **TA303185**

AIRE Goat Polyclonal Antibody

Product data:

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| Product Type: | Primary Antibodies |
| Applications: | WB |
| Recommended Dilution: | ELISA: 1:64,000. WB: 0.3-1 µg/ml. |
| Reactivity: | Human, Mouse (Expected from sequence similarity: Rat, Pig, Cow) |
| Host: | Goat |
| Isotype: | IgG |
| Clonality: | Polyclonal |
| Immunogen: | Peptide with sequence C-KAKPPKKPESSAEQ, from the internal region of the protein sequence according to NP_000374.1; NP_000649.1. |
| Formulation: | Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. |
| Concentration: | lot specific |
| Purification: | Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing. |
| Conjugation: | Unconjugated |
| Storage: | Store at -20°C as received. |
| Stability: | Stable for 12 months from date of receipt. |
| Gene Name: | autoimmune regulator |
| Database Link: | NP_000374 Entrez Gene 11634 Mouse Entrez Gene 294328 Rat Entrez Gene 326 Human O43918 |



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| Background: | This gene encodes a transcriptional regulator that forms nuclear bodies and interacts with the 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). [provided by RefSeq] |
| Synonyms: | AIRE1; APECED; APS1; APSI; PGA1 |
| Protein Families: | Druggable Genome |
| Protein Pathways: | Primary immunodeficiency, Ubiquitin mediated proteolysis |

Product images:

TA303185 (0.3ug/ml) staining of human spleen lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.