

Product datasheet for **TA355554**

AIRE Rabbit Polyclonal Antibody

Product data:

| | |
|-------------------------|---|
| Product Type: | Primary Antibodies |
| Applications: | WB |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Immunogen: | The immunogen is a synthetic peptide directed towards the N terminal region of human AIRE |
| Specificity: | Expected reactivity: Cow, Dog, Horse, Human, Pig, Rat Homology: Cow: 79%; Dog: 92%; Horse: 86%; Human: 100%; Pig: 93%; Rat: 79% |
| Formulation: | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i> |
| Concentration: | lot specific |
| Purification: | Protein A purified |
| Conjugation: | Unconjugated |
| Storage: | For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles. |
| Stability: | Shelf life: one year from despatch. |
| Predicted Protein Size: | 58kDa |
| Gene Name: | autoimmune regulator |
| Database Link: | NP_000374 Entrez Gene 326 Human O43918 |
| Background: | AIRE is 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). |



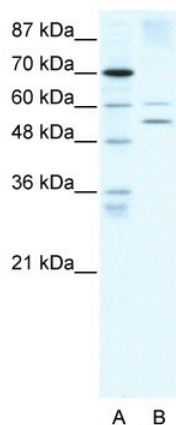
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Synonyms: AIRE1; APECED; APS1; APSI; OTTHUMP00000109529; PGA1

Protein Families: Druggable Genome

Protein Pathways: Primary immunodeficiency, Ubiquitin mediated proteolysis

Product images:



WB Suggested Anti-AIRE Antibody
Titration: 5 ug/ml
Positive Control: HepG2 Whole Cell