

Product datasheet for **TA355556**

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:	Affinity 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:	The function of the protein encoded by the AIRE gene is not well defined. However it contains zinc finger motifs suggestive of a transcription factor. The protein (isoform 1) is localized to both the nucleus and cytoplasm. Defects in this gene cause the autosomal-recessive systemic autoimmune disease termed autoimmune polyendocrinopathy-candidiasis-ectodermal dystrophy (APECED).
Synonyms:	AIRE1; APECED; APS1; APSI; OTTHUMP00000109529; PGA1



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Protein Families: Druggable Genome

Protein Pathways: Primary immunodeficiency, Ubiquitin mediated proteolysis

Product images:



WB Suggested Anti-AIRE Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:1562500
Positive Control: HepG2 cell lysate