

## Product datasheet for **TA332359**

### RFXAP Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for Anti-RFXAP Antibody: synthetic peptide directed towards the middle region of human RFXAP. Synthetic peptide located within the following region: SDQALNCGGTASTGSAGNVKLEESADNLSIVKQRTGSFGDRPARPTLLE
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>
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	28 kDa
Gene Name:	regulatory factor X associated protein
Database Link:	<a href="#">NP_000529</a> <a href="#">Entrez Gene 5994 Human</a> <a href="#">O00287</a>



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**Background:**

RFXAP is part of the RFX complex that binds to the X-box of MHC II promoters. Major histocompatibility (MHC) class II molecules are transmembrane proteins that have a central role in development and control of the immune system. The protein encoded by this gene, along with regulatory factor X-associated ankyrin-containing protein and regulatory factor-5, forms a complex that binds to the X box motif of certain MHC class II gene promoters and activates their transcription. Once bound to the promoter, this complex associates with the non-DNA-binding factor MHC class II transactivator, which controls the cell type specificity and inducibility of MHC class II gene expression. Mutations in this gene have been linked to bare lymphocyte syndrome type II, complementation group D. Transcript variants utilizing different polyA signals have been found for this gene. Sequence Note: This RefSeq record was created from transcript and genomic sequence data because transcript sequence consistent with the reference genome assembly was not available for all regions of the RefSeq transcript. The extent of this transcript is supported by transcript alignments. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.

**Synonyms:**

RFXAP

**Note:**

Immunogen sequence homology: Pig: 100%; Human: 100%; Guinea pig: 100%

**Protein Families:**

Transcription Factors

**Protein Pathways:**

Antigen processing and presentation, Primary immunodeficiency

**Product images:**

WB Suggested Anti-RFXAP Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1: 62500; Positive Control: Human Pancreas