

Product datasheet for **AP53645PU-N**

RFXANK (Center) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	ELISA: 1/1000. Western Blot: 1/100-1/500.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 93-123 amino acids from the Central region of human RFXANK.
Specificity:	This antibody recognizes Human ANKRA1 / RFXANK (Center).
Formulation:	PBS State: Aff - Purified State: Liquid purified Ig fraction Preservative: 0.09% Sodium Azide
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein A
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	regulatory factor X associated ankyrin containing protein
Database Link:	Entrez Gene 8625 Human O14593



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Background:

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 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. This protein contains ankyrin repeats involved in protein-protein interactions. Mutations in this gene have been linked to bare lymphocyte syndrome type II, complementation group B. Two transcript variants encoding different isoforms have been described for this gene, with only one isoform showing activation activity.

Synonyms:

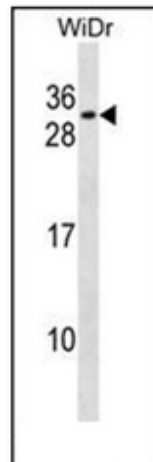
RFXB

Note:**Molecular Weight:** 28102 Da**Protein Families:**

Druggable Genome, Transcription Factors

Protein Pathways:

Antigen processing and presentation, Primary immunodeficiency

Product images:

Western blot analysis of ANKRA1 / RFXANK Antibody in WiDr cell line lysates (35ug/lane). This demonstrates the RFXANK antibody detected the RFXANK protein (arrow).