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Datasheet for ABIN950419

anti-RFXANK antibody (Middle Region)

1 Image

Overview

Quantity:	0.4 mL
Target:	RFXANK
Binding Specificity:	AA 93-123, Middle Region
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RFXANK antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 93-123 amino acids from the Central region of human RFXANK. Genename: RFXANK
Isotype:	Ig Fraction
Specificity:	This antibody recognizes Human ANKRA1 / RFXANK (Center).
Purification:	Affinity Chromatography on Protein A

Target Details

Target:	RFXANK
Alternative Name:	ANKRA1 / RFXANK (RFXANK Products)
Background:	Major histocompatibility (MHC) class II molecules are transmembrane proteins that have a

Target Details

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: Ankyrin repeat family A protein 1, DNA-binding protein RFXANK, RFXB, Regulatory factor X subunit B, Regulatory factor X-associated ankyrin-containing protein

Molecular Weight: 28102 Da

Gene ID: 8625

NCBI Accession: [NP_003712](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.25 mg/mL

Buffer: PBS, 0.09 % Sodium Azide

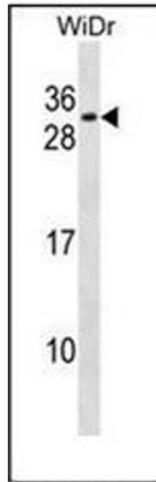
Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freezing and thawing.

Storage: 4 °C/-20 °C

Storage Comment: Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Western Blotting

Image 1. Western blot analysis of ANKRA1 / RFXANK Antibody in WiDr cell line lysates (35ug/lane). This demonstrates the RFXANK antibody detected the RFXANK protein (arrow).