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anti-RFXANK antibody (AA 3-84)





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Quantity:	100 μg
Target:	RFXANK
Binding Specificity:	AA 3-84
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RFXANK antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant Human DNA-binding protein RFXANK protein (3-84AA)	
Isotype:	IgG	
Cross-Reactivity:	Human	
Purification:	>95%, Protein G purified	

Target Details

Target:	RFXANK	
Alternative Name:	RFXANK (RFXANK Products)	
Background:	Background: Activates transcription from class II MHC promoters. Activation requires the	
	activity of the MHC class II transactivator/CIITA. May regulate other genes in the cell. RFX binds	

the X1 box of MHC-II promoters (PubMed:9806546, PubMed:10072068, PubMed:10725724).

May also potentiate the activation of RAF1 (By similarity).

Aliases: ANKRA1 antibody, Ankyrin repeat containing regulatory factor X associated protein antibody, Ankyrin repeat family A protein 1 antibody, BLS antibody, DNA-binding protein RFXANK antibody, F14150_1 antibody, MGC138628 antibody, Regulatory factor X associated ankyrin containing protein antibody, Regulatory factor X subunit B antibody, Regulatory factor X, ankyrin repeat containing antibody, Regulatory factor X-associated ankyrin-containing protein antibody, RFX Bdelta4 antibody, RFX-B antibody, RFXANK antibody, RFXB antibody, RFXB delta 4 antibody, RFXK_HUMAN antibody

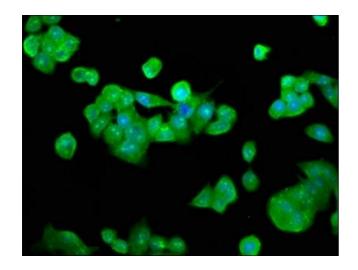
UniProt:

014593

Application Details

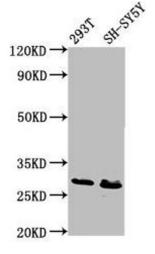
Application Notes:	Recommended dilution: WB:1:500-1:5000, IHC:1:200-1:500, IF:1:50-1:200,
Restrictions:	For Research Use only

Handling	
Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



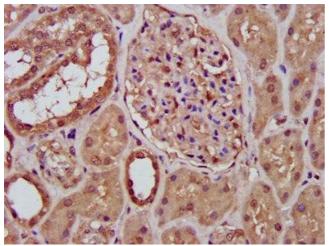
Immunofluorescence

Image 1. Immunofluorescence staining of PC-3 cells with ABIN7150389 at 1:133, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Western Blotting

Image 2. Western Blot Positive WB detected in: 293T whole cell lysate, SH-SY5Y whole cell lysate All lanes: RFXANK antibody at $6.7 \,\mu\text{g/mL}$ Secondary Goat polyclonal to rabbit lgG at 1/50000 dilution Predicted band size: 29, 25, 26 kDa Observed band size: 29 kDa



Immunohistochemistry

Image 3. IHC image of ABIN7150389 diluted at 1:400 and staining in paraffin-embedded human kidney tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30 min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.