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Datasheet for ABIN6992144 **anti-RFX1 antibody (C-Term)**

Overview

Quantity:	0.1 mg
Target:	RFX1
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RFX1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunocytochemistry (ICC)

Product Details

Immunogen:	RFX1 antibody was raised against an 18 amino acid peptide near the carboxy terminus of human RFX1. The immunogen is located within the last 50 amino acids of RFX1.
Isotype:	IgG
Specificity:	RFX1 antibody is human specific. At least two isoforms of RFX1 are known to exist, this antibody will detect both isoforms.
Purification:	RFX1 antibody is affinity chromatography purified via peptide column.

Target Details

Target:	RFX1
Alternative Name:	RFX1 (RFX1 Products)

Target Details

Background:	RFX1 is a member of the regulatory factor X protein family, which are transcription factors that contain a highly-conserved winged helix DNA binding domain and the D region found in the C-terminal part of these proteins which facilitates dimerization (1,2). RFX1 is structurally related to regulatory factors X2, X3, X4, and X5 (3). RFX1 is a regulatory factor essential for MHC class II genes expression and can bind to an inverted repeat that is required for expression of hepatitis B virus genes (4). Recent study identifies RFX1 may play a tumor suppressor role in HCC as autophagy mediator (5).
Molecular Weight:	Predicted: 108 kDa Observed: 125 kDa
Gene ID:	5989
NCBI Accession:	NP_002909
UniProt:	P22670
Pathways:	Human Leukocyte Antigen (HLA) in Adaptive Immune Response

Application Details

Application Notes:	RFX1 antibody can be used for detection of RFX1 by Western blot at 1 - 2 µg/mL. Antibody can also be used for immunocytochemistry starting at 5 µg/mL. Antibody validated: Western Blot in human samples, Immunocytochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	RFX1 antibody is supplied in PBS containing 0.02 % 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.
Storage:	-20 °C, 4 °C

Handling

Storage Comment: RFX1 antibody can be stored at 4°C for three months and -20°C, stable for up to one year.