

Anti-RFX1 Antibody

Catalog Number: A04392

About RFX1

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).

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Overview

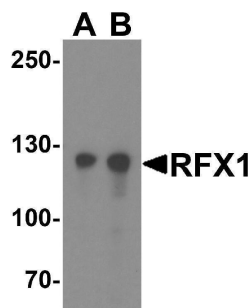
Product Name	Anti-RFX1 Antibody
Reactive Species	Human
Description	Boster Bio Anti-RFX1 Antibody (Catalog # A04392). Tested in ELISA, WB, ICC, IF applications. This antibody reacts with Human.
Application	ELISA, IF, ICC, WB
Clonality	Polyclonal
Formulation	RFX1 antibody is supplied in PBS containing 0.02% sodium azide.
Storage Instructions	RFX1 antibody can be stored at 4°C for three months and -20°C, stable for up to one year.
Host	Rabbit
Uniprot ID	P22670

Technical Details

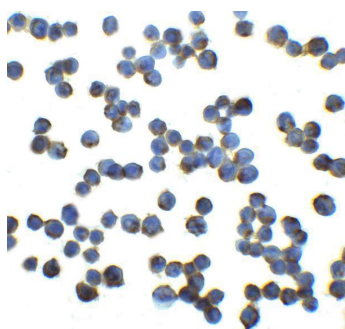
Immunogen	RFX1 antibody was raised against an 18 amino acid peptide near the carboxy terminus of human RFX1. The immunogen is located within the last 50 amino acids of RFX1.
Predicted Reactive Species	Mouse
Cross Reactivity	RFX1 antibody is human specific. At least two isoforms of RFX1 are known to exist; this antibody will detect both isoforms.

Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	RFX1 antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	RFX1 antibody can be used for detection of RFX1 by Western blot at 1 - 2 ug/mL. Antibody can also be used for immunocytochemistry starting at 5 ug/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. Optimal dilutions for each application should be determined by the researcher.

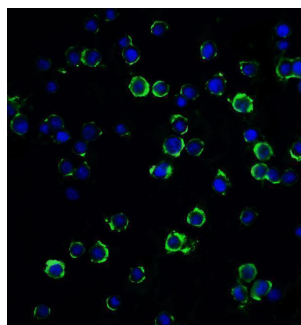
Anti-RFX1 Antibody (A04392) Images



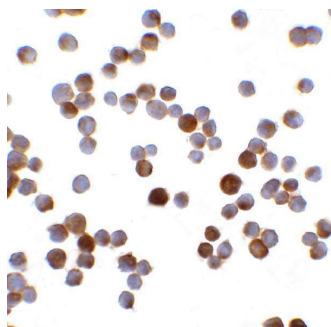
Western blot analysis of RFX1 in HeLa cell lysate with RFX1 antibody at (A) 1 and (B) 2 ug/ml.



Immunocytochemistry of RFX1 in HeLa cells with RFX1 at 5 ug/mL.



Immunofluorescence of RFX1 in HeLa cells with RFX1 antibody at 20 ug/mL. Green: RFX1 Antibody (A04392) Blue: DAPI staining



Immunocytochemistry of RFX1 in HeLa cells with RFX1 antibody at 5 ug/mL.

Anti-RFX1 Antibody

For Research Use Only. Not for use in diagnostic procedures.