

Rabbit anti-Human RFXANK Polyclonal Antibody | anti-RFXANK antibody

Anti-RFXANK Antibody, Rabbit Polyclonal

CATALOG # AAA256332	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunoprecipitation, Western Blot
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PRODUCT SYNONYMS

RFXANK; Polyclonal Antibody; Anti-RFXANK Antibody; Rabbit Polyclonal; RFXANK Antibody; Rabbit PAb; Antigen Affinity Purified; regulatory factor X associated ankyrin containing protein; Anti-ANKRA1 Antibody; Anti-BLS Antibody; Anti-F14150_1 Antibody; Anti-RFX-B Antibody; anti-RFXANK antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human RFXANK
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-RFXANK antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	E Coli-derived Human RFXANK fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human RFXANK fragment, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles.

IMAGES



IP (Immunoprecipitation)

RFXANK was immunoprecipitated using: Lane A: 0.5 mg hela Whole Cell Lysate 4 uL anti-RFXANK rabbit polyclonal antibody and 60 ug of Immunomagnetic beads Protein A/G. Primary antibody: Anti-RFXANK rabbit polyclonal antibody, at 1:100 dilution Secondary antibody: Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 28 kDa Observed band size :34 kDa



WB (Western Blot)

Anti-RFXANK rabbit polyclonal antibody at 1:500 dilution Lane A: Hela Whole Cell Lysate Lane B: U-251 MG Whole Cell Lysate Lysates/proteins at 30 ug per lane. Secondary Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 28 kDa Observed band size: 33 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-RFXANK antibody	Interferon-gamma (IFN-gamma) plays an important physiological role during inflammation by down-regulating collagen gene expression and activating major histocompatibility II (MHC-II) complex. The activation of MHC-II by IFN-gamma requires activation of a trimeric DNA binding transcriptional complex, RFX5 complex, containing RFXB (also known as RFXANK and Tvl-1), RFXAP, as well as RFX5 protein. The regulatory factor X with ankyrin repeats (RFXANK) is a subunit of a tripartite RFX complex that assembles on promoters of major histocompatibility complex class II (MHC II) genes. Inherited deficiency of major histocompatibility complex (MHC) class II molecules impairs antigen presentation to CD4(+) T cells and results in combined immunodeficiency (CID). Autosomal-recessive mutations in the RFXANK gene account for two-thirds of all cases of MHC class II deficiency.
References	Xu Y, et al. (2003) Interferon gamma repression of collagen (col1a2) transcription is mediated by the rfx5 complex. J Biol Chem 278 (49): 49134-49144.Ouederni M, et al. (2011) Major histocompatibility complex class ii expression deficiency caused by a rfxank founder mutation: A survey of 35 patients. Blood 118 (19): 5108-5118.Nekrep N, et al. (2001) Analysis of ankyrin repeats reveals how a single point mutation in rfxank results in bare lymphocyte syndrome. Mol Cell Biol 21 (16): 5566-5576.Masternak K, et al. (1998) A gene encoding a novel rfx-associated transactivator is mutated in the majority of mhc class ii deficiency patients. Nat Genet 20 (3): 273-277.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/rfxank-antibody-immunoprecipitation-western-blot-elisa/256332>