

Anti-RFX5 (RABBIT) Antibody - 100-401-194

Code: 100-401-194

Size: 100 µL

Product Description: Anti-RFX5 (RABBIT) Antibody - 100-401-194

Concentration: 85 mg/mL by UV absorbance at 280 nm

PhysicalState: Liquid (sterile filtered)

Label	Unconjugated
Host	Rabbit
Gene Name	RFX5
Species Reactivity	human
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Stabilizer	None
Preservative	0.01% (w/v) Sodium Azide
Storage Condition	Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.
Synonyms	rabbit anti-RFX5 Antibody, DNA binding protein RFX5 antibody, Influences HLA class II expression antibody, Regulatory factor X 5 antibody, Regulatory factor X subunit 5 antibody, MHC
Application Note	Anti-RFX5 Antibody was also tested in a gel supershift assay and found to be reactive against RFX5 complexes using 0.5 to 1.0 µl per assay. Specific conditions should be optimized by user. Anti-RFX5 Antibody was assayed by immunoblot and found to be reactive against RFX5 (aa 320 to 494) from a variety of fibroblast and B-cell lysates at a dilution of 1:1,000 followed by reaction with Peroxidase conjugated Affinity Purified anti-Rabbit IgG. Anti-RFX5 (aa 320 to 494) detects a 75 kDa band by immunoblot for human RFX5. Other assays should be optimized by researcher.
Background	RFX5 Antibody detects the RFX5 protein. Regulatory factor X subunit 5 (RFX5) is a member of a family of DNA-binding proteins that share a novel and highly characteristic DNA-binding domain called the RFX motif. It mediates cooperative binding between RFX and NF- κ B, recognizes X-boxes, and activates transcription from class II MHC promoters. RFX5 mutations are seen in cases of a severe immunodeficiency syndrome called MHC-II deficiency (also known as bare lymphocyte syndrome (BLS)). These mutations prevent the RFX complex from binding to the X box in MHC-II promoters, resulting in a lack of MHC-II expression. Anti-RFX5 antibody is ideal for investigators involved in cytokines and growth factor research.
Purity And Specificity	Anti-RFX5 Antibody was prepared by repeated immunizations of an RFX5 peptide conjugate and purified as monospecific antiserum after delipidation and defibrination.
Assay Dilutions	User Optimized
ELISA	1:5,000 - 1:25,000
Western Blot	1:500 - 1:3,000
Other Assays	User Optimized
Expiration	Expiration date is one (1) year from date of opening.
Immunogen	RFX5 peptide corresponding to amino acids 320 to 494 of the human protein conjugated to Keyhole Limpet Hemocyanin (KLH).
General Reference	Reith W, Mach B (2001). "The bare lymphocyte syndrome and the regulation of MHC expression". Annu. Rev. Immunol. 19: 331-73.

Related Products

100-401-191	Anti-RFX5 (C-terminal) (RABBIT) Antibody - 100-401-191
100-401-193	Anti-RFX5 (N-terminal) (RABBIT) Antibody - 100-401-193
200-401-191	Anti-RFX5 (C-terminal) (RABBIT) Antibody - 200-401-191
200-401-193	Anti-RFX5 (N-terminal) (RABBIT) Antibody - 200-401-193

Related Links

NCBI - CAO72162.1

<http://www.ncbi.nlm.nih.gov/protein/CAO72162.1>

UniProtKB - P48382

<http://www.uniprot.org/uniprot/P48382>

GeneID - 5993

Disclaimer

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