

DNA-Binding Protein RFX5 (RFX5) Antibody

Catalogue No.: abx005287

RFX5 Antibody is a Rabbit Polyclonal antibody against RFX5. A lack of MHC-II expression results in a severe immunodeficiency syndrome called MHC-II deficiency, or the bare lymphocyte syndrome (BLS; MIM 209920). At least 4 complementation groups have been identified in B-cell lines established from patients with BLS. The molecular defects in complementation groups B, C, and D all lead to a deficiency in RFX, a nuclear protein complex that binds to the X box of MHC-II promoters. The lack of RFX binding activity in complementation group C results from mutations in the RFX5 gene encoding the 75-kD subunit of RFX (Steimle et al., 1995). RFX5 is the fifth member of the growing family of DNA-binding proteins sharing a novel and highly characteristic DNA-binding domain called the RFX motif. Multiple alternatively spliced transcript variants have been found but the full-length natures of only two have been determined.

Target:	DNA-Binding Protein RFX5 (RFX5)
Clonality:	Polyclonal
Reactivity:	Human
Tested Applications:	ELISA, IF/ICC
Host:	Rabbit
Recommended dilutions:	ELISA: 1 µg/ml, IF/ICC: 1/50 - 1/100. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 367-616 of human RFX5.
Isotype:	IgG
Form:	Liquid
Purification:	Purified by affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P48382 (UniProt , ExPASy)
Gene Symbol:	RFX5
GeneID:	5993
OMIM:	209920

Datasheet

Version: 4.0.0

Revision date: 21 Aug 2025



NCBI Accession: NP_000440.1

HGNC: 9986

KEGG: hsa:5993

Ensembl: ENSG00000143390

String: [9606.ENSP00000290524](#)

Molecular Weight: Calculated MW: 65 kDa

Buffer: PBS, pH 7.3, containing 0.02% sodium azide, 50% glycerol.

Concentration: > 0.2 mg/ml

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