

Recombinant Human RFXAP cell lysate

Cat. No. RFXAP-1496HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Description	Major histocompatibility (MHC) class II molecules are transmembrane proteins that have a central role in development and control of the immune system. The protein encoded by this gene, along with regulatory factor X-associated ankyrin-containing protein and regulatory factor-5, forms a complex that binds to the X box motif of certain MHC class II gene promoters and activates their transcription. Once bound to the promoter, this complex associates with the non-DNA-binding factor MHC class II transactivator, which controls the cell type specificity and inducibility of MHC class II gene expression. Mutations in this gene have been linked to bare lymphocyte syndrome type II, complementation group D. Transcript variants utilizing different polyA signals have been found for this gene.
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

GENE INFORMATION

Gene Name	RFXAP regulatory factor X-associated protein [Homo sapiens]
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Official Symbol	RFXAP
Synonyms	RFXAP; regulatory factor X-associated protein; RFX-associated protein; RFX DNA-binding complex 36 kDa subunit;
Gene ID	5994
mRNA Refseq	NM_000538
Protein Refseq	NP_000529
MIM	601861
UniProt ID	O00287
Chromosome Location	13q14
Pathway	Antigen processing and presentation, organism-specific biosystem; Antigen processing and presentation, conserved biosystem; Primary immunodeficiency, organism-specific biosystem; Primary immunodeficiency, conserved biosystem; Tuberculosis, organism-specific biosystem; Tuberculosis, conserved biosystem;
Function	DNA binding; sequence-specific DNA binding transcription factor activity; transcription coactivator activity;

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