



Anti-RFX1 (aa 502-600) polyclonal antibody (DPAB-DC2695)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	This gene is a member of the regulatory factor X gene family, which encodes transcription factors that contain a highly-conserved winged helix DNA binding domain. The protein encoded by this gene is structurally related to regulatory factors X2, X3, X4, and X5. It is a transcriptional activator that can bind DNA as a monomer or as a heterodimer with RFX family members X2, X3, and X5, but not with X4. This protein binds to the X-boxes of MHC class II genes and is essential for their expression. Also, it can bind to an inverted repeat that is required for expression of hepatitis B virus genes.
Immunogen	RFX1 (NP_002909, 502 a.a. ~ 600 a.a) partial recombinant protein with GST tag. The sequence is SKYHYGLRIKASSPLLRLMEDQQHMAMRGQPFSQKQRLKPIQKMEGMTNGVAVGQQPST GLSDISAQVQQYQQFLDASRSLPDFTELDLQGKVLPEGV
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	RFX1 regulatory factor X, 1 (influences HLA class II expression) [Homo sapiens (human)]
Official Symbol	RFX1
Synonyms	RFX1; regulatory factor X, 1 (influences HLA class II expression); EFC; RFX; MHC class II regulatory factor RFX1; enhancer factor C; regulatory factor X 1; transcription factor RFX1; trans-acting regulatory factor 1; MHC class II regulatory factor RFX;
Entrez Gene ID	5989
Protein Refseq	NP_002909
UniProt ID	P22670
Chromosome Location	19p13.1
Function	DNA binding; RNA polymerase II distal enhancer sequence-specific DNA binding transcription factor activity; protein binding;