



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

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| 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 SKYHYYGLRIKASSPLLRLMEDQQHMAMRGQPFSQKQRLKPIQKMEGMTNGVAVGQQPST 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

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| 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; |
