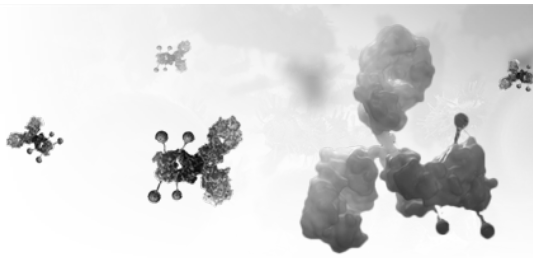

Anti-NFX1 (aa 981-1080) polyclonal antibody (DPAB-DC2029)

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

PRODUCT INFORMATION

Antigen Description	MHC class II gene expression is controlled primarily at the transcriptional level by transcription factors that bind to the X and Y boxes, two highly conserved elements in the proximal promoter of MHC class II genes. The protein encoded by this gene is a transcriptional repressor capable of binding to the conserved X box motif of HLA-DRA and other MHC class II genes in vitro. The protein may play a role in regulating the duration of an inflammatory response by limiting the period in which class II MHC molecules are induced by IFN-gamma. Three alternative splice variants, each of which encodes a different isoform, have been identified.
Immunogen	NFX1 (NP_002495, 981 a.a. ~ 1080 a.a) partial recombinant protein with GST tag. The sequence is KFSDSLKEDARKDLKFVSDVEKEMETLVEAVNKGKNSKKSHSFPPMNRDHRRIIHDLAQV YGLESVSYDSEPKRNVVVTAIRGKSVCPPTTLTGVLEREM
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), 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	NFX1 nuclear transcription factor, X-box binding 1 [Homo sapiens (human)]
Official Symbol	NFX1
Synonyms	NFX1; nuclear transcription factor, X-box binding 1; NFX2; Tex42; TEG-42; transcriptional repressor NF-X1; nuclear transcription factor, X box-binding protein 1;
Entrez Gene ID	4799
Protein Refseq	NP_002495
UniProt ID	Q12986
Chromosome Location	9p13.3
Pathway	Cleavage of Growing Transcript in the Termination Region; Processing of Capped Intron-Containing Pre-mRNA; RNA Polymerase II Transcription Termination; Transport of Mature mRNA derived from an Intron-Containing Transcript.
Function	DNA binding; ligase activity; poly(A) RNA binding; sequence-specific DNA binding transcription factor activity

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