

Rabbit NFX1 Polyclonal Antibody | anti-NFX1 antibody

NFX1 antibody - middle region

CATALOG # AAA201741	HOST Rabbit	REACTIVITY Cow, Dog, Human, Mouse, Rabbit, Rat	APPLICATIONS Western Blot, Immunohistochemistry
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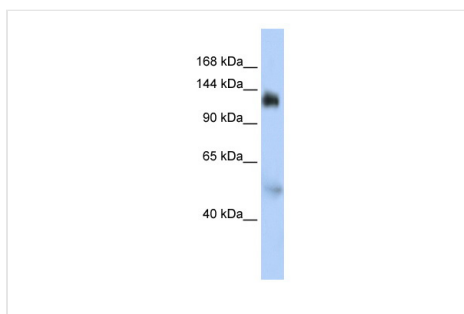
PRODUCT SYNONYMS

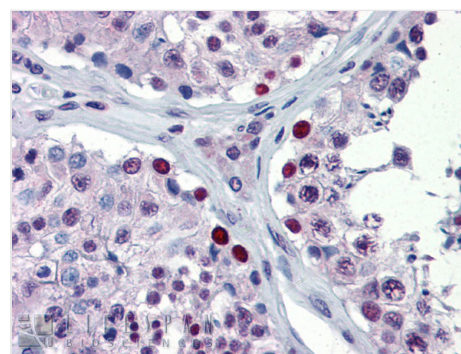
NFX1; Polyclonal Antibody; NFX1 antibody - middle region; anti-NFX1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Human, Mouse, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: TL TGVLEREMQA RPPPIPHHR HQSDKNPGSS NLQKITKEPI IDYFDVQD
Sequence Length	1120
Applicable Applications for anti-NFX1 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 85%; Dog: 85%; Human: 100%; Mouse: 76%; Rabbit: 85%; Rat: 85%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human NFX1
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

WB Suggested Anti-NFX1 Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:312500
Positive Control: HepG2 cell lysate

IHC (Immunohistochemistry)

Immunohistochemistry with Human Testis lysate tissue

ADDITIONAL INFORMATION

Related Product Information for anti-NFX1 antibody	This is a rabbit polyclonal antibody against NFX1. It was validated on Western Blot using a cell lysate as a positive control. Target 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. NFX1 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.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.
Product Categories/Family for anti-NFX1 antibody	Polyclonal; Transcription Factor; Lymphocyte Signaling; Transcription Regulation; DNA/RNA/Protein Interactions; Immunohistochemistry; Transcription Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	21361137
NCBI GeneID	4799
NCBI Accession #	NP_002495
NCBI GenBank Nucleotide #	NM_002504
UniProt Accession #	Q12986
Molecular Weight	124kDa
NCBI Official Full Name	transcriptional repressor NF-X1 isoform 1
NCBI Official Synonym Full Names	nuclear transcription factor, X-box binding 1
NCBI Official Symbol	NFX1
NCBI Official Synonym Symbols	NFX2; Tex42; TEG-42
NCBI Protein Information	transcriptional repressor NF-X1
UniProt Protein Name	Transcriptional repressor NF-X1
UniProt Gene Name	NFX1
UniProt Synonym Gene Names	NFX2

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/nfx1-antibody-western-blot-immunohistochemistry-elisa/201741>