核转录因子 X 盒结合蛋白 1 抗体

产品货号： mlR8377

英文名称： NFX1

中文名称： 核转录因子 X 盒结合蛋白 1 抗体

别　　名： NFX2; MGC20369; NFX 1; NFX1; Nuclear transcription factor X box binding 1; Nuclear transcription factor X box binding protein 1; Transcriptional repressor NF X1; NFX1_HUMAN.

研究领域： 细胞生物　免疫学　信号转导　转录调节因子　表观遗传学

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat,

产品应用： WB=1:500-2000 ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 IF=1:50-200 （石蜡切片需做抗原修复）

not yet tested in other applications.

optimal dilutions/concentrations should be determined by the end user.

分 子 量： 124kDa

细胞定位： 细胞核

性　　状： Lyophilized or Liquid

浓　　度： 1mg/ml

免 疫 原： KLH conjugated synthetic peptide derived from human NFX1:881-980/1120

亚　　型： IgG

纯化方法： affinity purified by Protein A

储 存 液： 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

保存条件： Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

PubMed： **PubMed**

产品介绍 ： 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. It may play a role in the inflammatory response, regulating its duration by limiting the period in which class II MHC molecules are induced by IFN gamma. The RING type zinc finger domain interacts with an ubiquitin conjugating enzyme (E2) and facilitates ubiquitination.

Function:

Binds to the X-box motif of MHC class II genes and represses their expression. May play an important role in regulating the duration of an inflammatory response by limiting the period in which MHC class II molecules are induced by interferon-gamma. Isoform 3 binds to the X-box motif of TERT promoter and represses its expression. Together with PABPC1 or PABPC4, isoform 1 acts as a coactivator for TERT expression. Mediates E2-dependent ubiquitination.

Subunit:

Isoform 1 and isoform 3 interact with human papillomavirus (HPV) type-16 E6 oncoprotein. Isoform 1 interacts with PABPC1 and PABPC4.

Subcellular Location:

Nucleus.

Post-translational modifications:

Isoform 3 is polyubiquitinated in the presence of HPV16 E6 protein; which leads to proteasomal degradation. Isoform 1 is not polyubiquitinated.

Similarity:

Belongs to the NFX1 family.

Contains 8 NF-X1-type zinc fingers.

Contains 1 R3H domain.

Contains 1 RING-type zinc finger.

SWISS:

Q12986

Gene ID:

4799

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.