

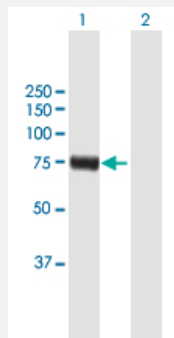
MaxPab®

RFX4 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00005992-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of RFX4 expression in transfected 293T cell line ([H00005992-T01](#)) by RFX4 MaxPab polyclonal antibody.

Lane 1: RFX4 transfected lysate (70.51 kDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human RFX4 protein.

Immunogen

RFX4 (NP_115880.2, 1 a.a. ~ 641 a.a) full-length human protein.

Sequence

MNWAAFGGSEFFIPEGIQIDSRCLSRNITEWYHYGIAVKESSQYYDVMYSKKGAAWVSETGKKE
VSKQTVAYSPRSKLGTLPEFPNVKDLNLPASLPEEKVSTFIMMYRTHCQRILDTVIRANFDEVQS
FLLHFWQGMPPHMLPVLGSSTVVNVGVCDLSILYKAISGVLMPVLQALPDLSLTQVIRKFAKQLDE
WLKVALHDLPENLRNIKFELSRRFSSQILRRQTSLNHLCCASRTVIHSADITFQMLEDWNRVNDLSIT
KQTLTYMEDSRDEHRKLITQLYQEFDHLLLEEQSPIESYIEWLDTMVDRCVVKVAAKRQGSLLKKVA
QQFLLMWSCFGTRVIRDMTLHSAPSGFSFHLIHLMFDDYVLYLLES LHCQERANELMRAMKGECS
TAEVREEIILTEAAAPTPSPVPSFSPAKSATSVEVPPPSSPVSNPSPEYTGSLTTGAMQSYTWSLT
YVTTAAGSPAENSQQLPCLRNTHTVPSSSVTHRIPVYPHREEHGYTGSYNGSYGNQHPHPMQS
QYPALPHDTAISGPLHYAPYHRSSAQYPFNSPTSRMEPCLMSSTPRLHPTVTPRWPEVPSANTC
YTSPSVHSARYGNSSDMYTPLTTRRNSEYEHMQHFPGFAYINGEASTGWAK

Host

Mouse

Reactivity

Human

Interspecies Antigen Sequence

Mouse (93)

Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

Western Blot analysis of RFX4 expression in transfected 293T cell line ([H00005992-T01](#)) by RFX4 MaxPab polyclonal antibody.

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[Protocol Download](#)

Gene Info — RFX4

Entrez GeneID	5992
GeneBank Accession#	NM_032491.3
Protein Accession#	NP_115880.2
Gene Name	RFX4
Gene Alias	NYD-SP10
Gene Description	regulatory factor X, 4 (influences HLA class II expression)
Omim ID	603958
Gene Ontology	Hyperlink
Gene Summary	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 X1, X2, X3, and X5. It has been shown to interact with itself as well as with regulatory factors X2 and X3, but it does not interact with regulatory factor X1. This protein may be a transcriptional repressor rather than a transcriptional activator. Three transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq]
Other Designations	regulatory factor X4 regulatory factor X4, isoform c transcription factor NYD-sp10

Publication Reference

- [T cell reactivity to regulatory factor X4 in type 1 narcolepsy.](#)

Guo Luo, Selina Yogeshwar, Ling Lin, Emmanuel Jean-Marie Mignot.

Scientific Reports 2021 Apr; 11(1):7841.

Application: Flow Cyt, WB-Tr, Human, HEK 293T cells

Disease

- [Bipolar Disorder](#)
- [Genetic Predisposition to Disease](#)