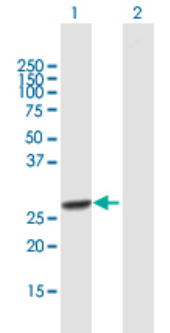
MaxPab®

RFXANK purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00008625-B01P Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of RFXANK expression in transfected 293T cell line (H00008625-T01) by RFXANK MaxPab polyclonal antibody.

Lane 1: RFXANK transfected lysate(26.07 KDa).
Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human RFXANK protein.
Immunogen	RFXANK (NP_604389.1, 1 a.a. ~ 237 a.a) full-length human protein.
Sequence	MELTQPAEDLIQTQQTPASELGDPEDPGEEAADGSDTVVLSLFPCTPEPVNPEPDASVSSPQG SSLKHSTTLTNRQRGNEVSALPATLDCDNLVNKPDERGFTPLIWASAFGEIETVRFLLEWGADPHI LAKERESALSLASTGGYTDIVGLLLERDVDINIYDWNGGTPLLYAVRGNHVKCVEALLARGADLTTE ADSGYTPMDLAVALGYRKVQQVIENHILKLFQSNLVPADPE
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (77); Rat (72)
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

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  Western Blot analysis of RFXANK expression in transfected 293T cell line (H00008625-T01) by RFXANK MaxPab polyclonal antibody.

  Lane 1: RFXANK transfected lysate(26.07 KDa).
  Lane 2: Non-transfected lysate.

  Protocol Download

Gene Info — RFXANK

Entrez GeneID	8625
GeneBank Accession#	NM_134440.1
Protein Accession#	NP_604389.1
Gene Name	RFXANK
Gene Alias	ANKRA1, BLS, F14150_1, MGC138628, RFX-B
Gene Description	regulatory factor X-associated ankyrin-containing protein
Omim ID	209920 603200
Gene Ontology	Hyperlink
Gene Summary	Major histocompatibility (MHC) class II molecules are transmembrane proteins that have a central role in development and control of the immune system. The protein encoded by this gene, along with regulatory factor X-associated protein and regulatory factor-5, forms a complex that binds to the X box motif of certain MHC class II gene promoters and activates their transcription. Once bound to the promoter, this complex associates with the non-DNA-binding factor MHC class II transactivator, which controls the cell type specificity and inducibility of MHC class II gene expression. This protein contains ankyrin repeats involved in protein-protein interactions. Mutations in this gene have been linked to bare lymphocyte syndrome type II, complementation group B. Two transcript variants encoding different isoforms have been described for this gene, with only one isoform showing activation activity. [provided by RefSeq
Other Designations	DNA-binding protein RFXANK|RFX-Bdelta4|ankyrin repeat-containing regulatory factor X-associated protein|regulatory factor X subunit B

Pathway

- Antigen processing and presentation
- Primary immunodeficiency