

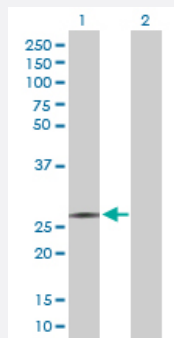
MaxPab®

# RFXANK purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00008625-D01P

Size 100 ug

## Applications



### Western Blot (Transfected lysate)

Western Blot analysis of RFXANK expression in transfected 293T cell line ([H00008625-T02](#)) by RFXANK MaxPab polyclonal antibody.

Lane 1: RFXANK transfected lysate(25.60 KDa).

Lane 2: Non-transfected lysate.

## Specification

Product Description	Rabbit 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 SSLKHSTTLTNRQRGNEVSALPATLDCDNLVNKPDERGFTPLWASAFGEIETVRFLLEWGADPHI LAKERESALSLASTGGYTDVGLLLERDVDINVDWNGGTPLLAVRGNHVKCVEALLARGADLTTE ADSGYTPMDLAVALGYRKVQQVIENHILKLFQSNLVPADPE
Host	Rabbit
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.

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[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](#)