

DNAxPAb

Hard-to-Find
Antibody

RFX5 DNAxPab

Catalog # H00005993-W01P

Size 200 ug

Specification

| | |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Description | Rabbit polyclonal antibody raised against a full-length human RFX5 DNA using DNAx™ Immune technology. |
| Technology | DNAx™ Immune |
| Immunogen | Full-length human DNA |
| Sequence | MADEPDAKSPKTGGRAPPGGAEAGEPTTLLQRLRGTKAVQNKVEGILQDVQKFSDNDKLYLY LQLPSGPTTGDKSSEPSTLSNEEYMYAYRWIRNHLEEHTDTCLPKQSVYDAYRKYCESLACCRPL STANFGKIIREIFPDIKARRLGGRGQSKYCYSGIRRKTLVSMPLPLGLDLKGSESPENGPEVTPAPR DELVEAACALTCDAERILKRSFSSIVEVARFLLQQHLISARSAHAHVLKAMGLAEEDHAPRER SSKPKNGLENPEGGAHKKPERLAQPPKDLEARTGAGPLARGERKKSVVESSAPGANNLQVNAL VARLPLLLPRAPRSLIPPIPVSPPIAPRLSSGALKVATLPLSSRAGAPPAAVPIINMILPTVPALPGP GPGPGRAPPGGLTQPRGTENREVGGGDQGPDKGVKRTAEVPVSEASGQAPPAKAAKQDIED TASDAKRKRGRPRKKSGSGGERNSTPLKSAAAMESAQSSRLPWETWGS GGEGNSAGGAERP GPMGEAEKGAVLAQQGDGTVSKGGRGPSQHTKEAEDKIPLVPSKVSIVKGSRSQKEAFPLA KGEVDTAPQGNKDLKEHVLQSSLSQEHKDPKATPP |
| Host | Rabbit |
| Reactivity | Human |
| Purification | Protein A |
| 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)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

Gene Info — RFX5

Entrez GeneID [5993](#)

GeneBank Accession# [NM_000449.3](#)

Protein Accession# [NP_000440.1](#)

Gene Name RFX5

Gene Alias -

Gene Description regulatory factor X, 5 (influences HLA class II expression)

Omim ID [209920 601863](#)

Gene Ontology [Hyperlink](#)

Gene Summary

A lack of MHC-II expression results in a severe immunodeficiency syndrome called MHC-II deficiency, or the bare lymphocyte syndrome (BLS; MIM 209920). At least 4 complementation groups have been identified in B-cell lines established from patients with BLS. The molecular defects in complementation groups B, C, and D all lead to a deficiency in RFX, a nuclear protein complex that binds to the X box of MHC-II promoters. The lack of RFX binding activity in complementation group C results from mutations in the RFX5 gene encoding the 75-kD subunit of RFX (Steimle et al., 1995). RFX5 is the fifth member of the growing family of DNA-binding proteins sharing a novel and highly characteristic DNA-binding domain called the RFX motif. Multiple alternatively spliced transcript variants have been found but the full-length nature of only two have been determined. [provided by RefSeq]

Other Designations OTTHUMP00000082795|OTTHUMP00000196318|regulatory factor X, 5

Pathway

- [Antigen processing and presentation](#)
- [Primary immunodeficiency](#)

Disease

- [Macular Degeneration](#)