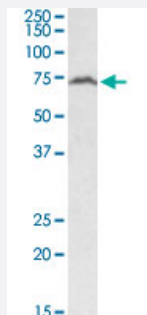


RFX5 polyclonal antibody

Catalog # PAB27612 Size 100 ug

Applications



Western Blot (Cell lysate)

RFX5 polyclonal antibody (Cat # PAB27612) (2ug/ml) staining of Daudi lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Specification

Product Description Goat polyclonal antibody raised against synthetic peptide of RFX5.

Immunogen A synthetic peptide corresponding to human RFX5.

Sequence TGDKSSEPSTLSNE

Host Goat

Theoretical MW (kDa) 70

Reactivity Chicken, Dog, Human, Mouse, Pig, Rabbit, Rat

Purification Antigen affinity purification

Concentration 0.5 mg/mL

Recommend Usage
ELISA (1:1000)
Western Blot (1-3ug/ml)
The optimal working dilution should be determined by the end user.

Storage Buffer In Tris saline, pH 7.3 (0.02% sodium azide, 0.5% BSA)

Storage Instruction

Store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

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Gene Info — RFX5

Entrez GeneID[5993](#)**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](#)