

ARG58777
anti-RFX5 antibodyPackage: 50 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes RFX5
Tested Reactivity	Hu, Ms
Predict Reactivity	Cow, Rat, Dog, Pig
Tested Application	WB
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	RFX5
Species	Human
Immunogen	Synthetic peptide from the internal region of Human RFX5 (NP_000440.1). (C-TGDKSSEPSTLSNE)
Conjugation	Un-conjugated
Alternate Names	DNA-binding protein RFX5; Regulatory factor X 5

Application Instructions

Application table	<table><thead><tr><th>Application</th><th>Dilution</th></tr></thead><tbody><tr><td>WB</td><td>1 - 3 µg/ml</td></tr></tbody></table>	Application	Dilution	WB	1 - 3 µg/ml
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WB	1 - 3 µg/ml				
Application Note	WB: Recommend incubate at RT for 1h. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.				
Observed Size	~ 73 kDa				

Properties

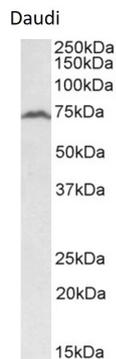
Form	Liquid
Purification	Affinity purified
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

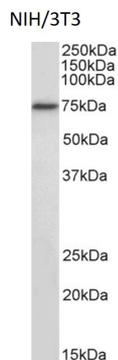
Gene Symbol	RFX5
Gene Full Name	regulatory factor X, 5 (influences HLA class II expression)
Background	A lack of MHC-II expression results in a severe immunodeficiency syndrome called MHC-II deficiency, or the bare lymphocyte syndrome (BLS; MIM 209920). At least 4 complementation groups have been identified 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 natures of only two have been determined. [provided by RefSeq, Jul 2008]
Function	Activates transcription from class II MHC promoters. Recognizes X-boxes. Mediates cooperative binding between RFX and NF- κ B. RFX binds the X1 box of MHC-II promoters. [UniProt]
Calculated Mw	65 kDa
PTM	Phosphorylated. [UniProt]

Images



ARG58777 anti-RFX5 antibody WB image

Western blot: 35 μ g of Daudi cell lysate (in RIPA buffer) stained with ARG58777 anti-RFX5 antibody at 2 μ g/ml and incubated for 1 hour at RT.



ARG58777 anti-RFX5 antibody WB image

Western blot: 35 μ g of NIH/3T3 cell lysate (in RIPA buffer) stained with ARG58777 anti-RFX5 antibody at 2 μ g/ml and incubated for 1 hour at RT.