



# SZABO SCANDIC

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## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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**Datasheet for 100-401-193****RFX5 Antibody****Overview**

<b>Description:</b>	Anti-RFX5 (N-terminal) (RABBIT) Antibody - 100-401-193
<b>Item No.:</b>	100-401-193
<b>Size:</b>	100 µL
<b>Applications:</b>	WB, CHIP, EMSA, IP
<b>Reactivity:</b>	Human
<b>Host Species:</b>	Rabbit

**Product Details**

<b>Background:</b>	DNA-binding protein RFX5 activates transcription from class II MHC promoters and recognizes X-boxes. It mediates cooperative binding between RFX and NF-Y. RFX binds the X1 box of MHC-II promoters. RFX5 may be associated with Bare Lymphocyte Syndrome Type II Complement group C and Mhc Class II Deficiency. Anti-RFX5 Antibody is useful for researchers interested in Transcription factors, Tuberculosis, and Allograft rejection.
<b>Synonyms:</b>	rabbit anti-RFX5 Antibody, DNA binding protein RFX5 antibody, Influences HLA class II expression antibody, Regulatory factor X 5 antibody, Regulatory factor X subunit 5 antibody
<b>Host Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>Format:</b>	Antiserum

**Target Details**

<b>Gene Name:</b>	RFX5
<b>Reactivity:</b>	Human
<b>Immunogen Type:</b>	Conjugated Peptide
<b>Immunogen:</b>	RFX5 (N-terminal specific) peptide corresponding to a region near the N-terminus of the human protein conjugated to Keyhole Limpet Hemocyanin (KLH).
<b>Purity/Specificity:</b>	This product was prepared from monospecific antiserum by delipidation and defibrination. Anti-RFX5 (N-terminal specific) may react with unknown minor bands at 55 kDa and 85 kDa.

- Relevant Links:**
- [NCBI - CA072162.1](#)
  - [UniProtKB - P48382](#)
  - [GeneID - 5993](#)

## Application Details

<b>Tested Applications:</b>	WB
<b>Suggested Applications:</b>	ChIP, EMSA, IP (Based on references)
<b>Application Note:</b>	Anti-RFX5 has been tested in western blot. This product was also tested in a gel supershift assay and found to be reactive against RFX5 complexes using 0.5 to 1.0 $\mu$ l per assay.
<b>Assay Dilutions:</b>	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
<b>ELISA:</b>	1:5,000 - 1:25,000
<b>WB:</b>	1:500 - 1:3,000

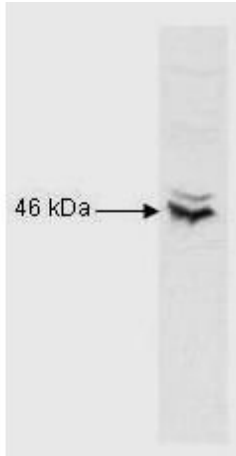
## Formulation

<b>Physical State:</b>	Liquid (sterile filtered)
<b>Concentration:</b>	90 mg/mL by UV absorbance at 280 nm
<b>Buffer:</b>	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
<b>Preservative:</b>	0.01% (w/v) Sodium Azide
<b>Stabilizer:</b>	None

## Shipping & Handling

<b>Shipping Condition:</b>	Dry Ice
<b>Storage Condition:</b>	Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.
<b>Expiration:</b>	Expiration date is one (1) year from date of receipt.

## Images

**Western Blot**

Western Blot of Rabbit Anti-RFX5 antibody. Lane 1: nuclear extract lysates. Load: 10µg per lane. Primary antibody: RFX5 antibody at 1:1000 for overnight at 4°C. Secondary antibody: HRP Goat-a-Rabbit IgG secondary antibody at 1:5,000 for 45 min at RT. Block: 5% BLOTTO overnight at 4°C. Predicted/Observed size: 65 kDa, 46 kDa for RFX5. Other band(s): none.

**References**

- Chen, DB et al. RFX5 promotes the progression of hepatocellular carcinoma through transcriptional activation of KDM4A. *Scientific Reports* (2020)
- Moreno CS et al. Regulatory factor X, a bare lymphocyte syndrome transcription factor, is a multimeric phosphoprotein complex. *J Immunol.* (1997)

**Disclaimer**

This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information. All products of animal origin manufactured by Rockland Immunochemicals are derived from starting materials of North American origin. Collection was performed in United States Department of Agriculture (USDA) inspected facilities and all materials have been inspected and certified to be free of disease and suitable for exportation. All properties listed are typical characteristics and are not specifications. All suggestions and data are offered in good faith but without guarantee as conditions and methods of use of our products are beyond our control. All claims must be made within 30 days following the date of delivery. The prospective user must determine the suitability of our materials before adopting them on a commercial scale. Suggested uses of our products are not recommendations to use our products in violation of any patent or as a license under any patent of Rockland Immunochemicals, Inc. If you require a commercial license to use this material and do not have one, then return this material, unopened to: Rockland Inc., P.O. BOX 5199, Limerick, Pennsylvania, USA.