

Datasheet for ABIN2777813  
**anti-RFX4 antibody (Middle Region)**



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1 Image

## Overview

Quantity:	100 µL
Target:	RFX4
Binding Specificity:	Middle Region
Reactivity:	Rat, Human, Mouse, Dog, Horse, Rabbit, Cow, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RFX4 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human RFX4
Sequence:	NVDLNSITKQ TLYTMEDSRD EHRKLITQLY QEFDHLLLEEQ SPIESYIEWL
Predicted Reactivity:	Cow: 86%, Dog: 93%, Guinea Pig: 86%, Horse: 93%, Human: 100%, Mouse: 86%, Rabbit: 93%, Rat: 86%
Characteristics:	This is a rabbit polyclonal antibody against RFX4. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Protein A purified

## Target Details

Target:	RFX4
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## Target Details

Alternative Name:	RFX4 ( <a href="#">RFX4 Products</a> )
Background:	<p>RFX4 is a transcription factors that contain a highly-conserved winged helix DNA binding domain. RFX4 is structurally related to regulatory factors X1, X2, X3, and X5. It has been shown to interact with itself as well as with regulatory factors X2 and X3, but it does not interact with regulatory factor X1. RFX4 may be a transcriptional repressor rather than a transcriptional activator. This gene is a member of the regulatory factor X gene family, which encodes transcription factors that contain a highly-conserved winged helix DNA binding domain. The protein encoded by this gene is structurally related to regulatory factors X1, X2, X3, and X5. It has been shown to interact with itself as well as with regulatory factors X2 and X3, but it does not interact with regulatory factor X1. This protein may be a transcriptional repressor rather than a transcriptional activator. Three transcript variants encoding different isoforms have been described for this gene.</p> <p>Alias Symbols: NYD-SP10</p> <p>Protein Interaction Partner: RFX3, RFX2, ESR1, RFX4,</p> <p>Protein Size: 563</p>
Molecular Weight:	64 kDa
Gene ID:	5992
NCBI Accession:	<a href="#">NM_002920</a> , <a href="#">NP_002911</a>
UniProt:	<a href="#">Q96S80</a>

## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 563 AA
Restrictions:	For Research Use only

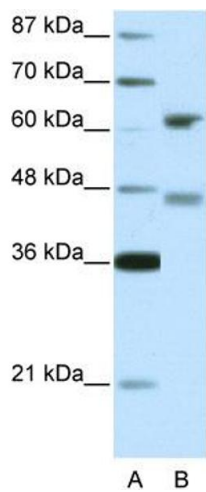
## Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide

Handling

Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



**Western Blotting**

**Image 1.** WB Suggested Anti-RFX4 Antibody Titration: 5.0ug/ml ELISA Titer: 1:1562500 Positive Control: 293T cell lysate