

Datasheet for ABIN2778394

anti-RFX4 antibody (N-Term)





Overview

Quantity:	100 μL
Target:	RFX4
Binding Specificity:	N-Term
Reactivity:	Rat, Human, Mouse, Dog, Horse, Rabbit, Cow, Guinea Pig, Zebrafish (Danio rerio)
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 N terminal region of human RFX4
Sequence:	QQFPQLTTRR LGTRGQSKYH YYGIAVKESS QYYDVMYSKK GAAWVSETGK
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 100%
Characteristics:	This is a rabbit polyclonal antibody against RFX4. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified
Target Details	
Target:	RFX4

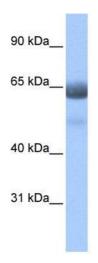
Target Details

RFX4 (RFX4 Products)
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. 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, X
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.
Alias Symbols: NYD-SP10
Protein Interaction Partner: RFX3, RFX2, ESR1, RFX4,
Protein Size: 563
64 kDa
5992
NM_002920, NP_002911
Q33E94
Optimal working dilutions should be determined experimentally by the investigator.
Antigen size: 563 AA
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
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: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: Human Lung