

AP42187PU-N**Polyclonal Antibody to RFX4 - Aff - Purified**

Alternate names:	NYD-SP10, Regulatory factor X 4, Testis development protein NYD-SP10, Transcription factor RFX4
Quantity:	0.1 mg
Background:	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.
Uniprot ID:	Q33E94
NCBI:	NP_002911
GeneID:	5992
Host:	Rabbit
Immunogen:	The immunogen for anti-RFX4 antibody: synthetic peptide directed towards the middle region of human RFX4. AA Sequence: NVDLNSITKQTLTYTMEDSRDEHRKLITQLYQEFDHLLQSPIESYIEWL
Format:	State: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. Purification: Purified using Protein A affinity column
Applications:	Western blotting (2 - 8 µg/ml) Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Species Reactivity:	Tested: Human Expected from sequence similarity: Mouse, Rat, Dog
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Glaser, B., (2005) Mol. Psychiatry 10 (10), 920-927

Pictures:

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

