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# RFX4 antibody - N-terminal region

Rabbit Polyclonal Antibody
Catalog # AI11603

## Product Information

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|---|---|
| **Application** | WB |
| **Primary Accession** | Q33E94 |
| **Other Accession** | NM_002920, NP_002911 |
| **Reactivity** | Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Dog, Horse, Bovine |
| **Predicted** | Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Chicken, Bovine |
| **Host** | Rabbit |
| **Clonality** | Polyclonal |
| **Calculated MW** | 83368 |

## Additional Information

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| **Gene ID** | 5992 |
| **Alias Symbol** | NYD-SP10 |
| **Other Names** | Transcription factor RFX4, Regulatory factor X 4, Testis development protein NYD-SP10, RFX4 |
| **Format** | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. |
| **Reconstitution & Storage** | Add 50 ul of distilled water. Final anti-RFX4 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles. |
| **Precautions** | RFX4 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures. |

## Protein Information

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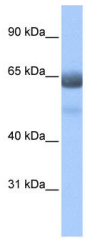
| **Name** | RFX4 |
| **Function** | Transcription factor that plays a role in early brain development. May activate transcription by interacting directly with the X-box. May activate transcription from CX3CL1 promoter through the X-box during brain development. May be required for neural tube ciliogenesis during embryogenesis (By similarity). |
| **Cellular Location** | Nucleus {ECO:0000255\|PROSITE-ProRule:PRU00858}. |
| **Tissue Location** | Isoform 1: Expressed in brain and gliomas (at protein level). Isoform 2: Testis-specific (at protein level). Isoform 3: Testis-specific (at protein level). |

Isoform 3: Expressed at a higher level in adult testes and ejaculated spermatozoa than in fetal testes Isoform 4: Testis-specific.

## References

Zhang,D., (2008) J. Biol. Chem. 283 (13), 8580-8590 Reconstitution and Storage:For short term use, store at 2-8C up to 1 week. For long term storage, store at -20C in small aliquots to prevent freeze-thaw cycles.

## Images




WB Suggested Anti-RFX4 Antibody Titration: 0.2-1 µg/ml
ELISA Titer: 1:312500
Positive Control: Human Lung