10320 Camino Santa Fe, Suite G
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# RFX4 antibody - N-terminal region
**Rabbit Polyclonal Antibody**
**Catalog # AI10732**

## Specification

### RFX4 antibody - N-terminal region - Product Information

| | |
|---|---|
| Application | **WB** |
| Primary Accession | Q33E94 |
| Other Accession | NM_213594, NP_998759 |
| Reactivity | **Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Horse, Bovine, Dog** |
| Predicted | **Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Dog** |
| Host | **Rabbit** |
| Clonality | **Polyclonal** |
| Calculated MW | **83kDa KDa** |

### RFX4 antibody - N-terminal region - Additional Information

**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.

### RFX4 antibody - N-terminal region - Protein Information

**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}.

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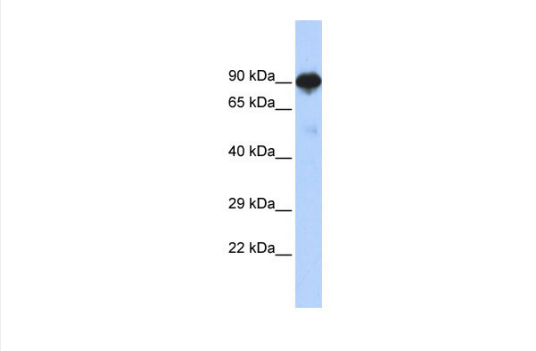
**Tissue Location**
Isoform 1: Expressed in brain and gliomas (at protein level). Isoform 2: Testis-specific (at protein level). Isoform 3: Testis-specific (at protein level). Isoform 3: Expressed at a higher level in adult testes and ejaculated spermatozoa than in fetal testes Isoform 4: Testis-specific.

## RFX4 antibody - N-terminal region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

## RFX4 antibody - N-terminal region - Images




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