

RFX4 Antibody (C-term)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP21391b**Specification**

RFX4 Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	Q33E94
Reactivity	Human
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Calculated MW	83368

RFX4 Antibody (C-term) - Additional Information**Gene ID** 5992**Other Names**

Transcription factor RFX4, Regulatory factor X 4, Testis development protein NYD-SP10, RFX4

Target/Specificity

This RFX4 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 684-720 amino acids from the C-terminal region of human RFX4.

Dilution

WB~~1:2000

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

RFX4 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

RFX4 Antibody (C-term) - 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}.

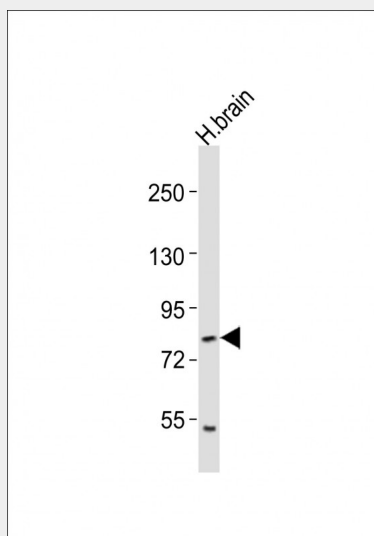
Tissue Location

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.

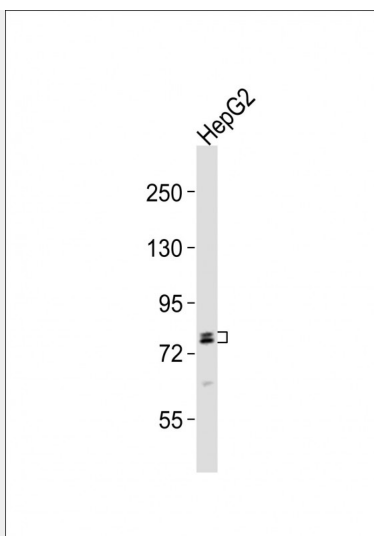
RFX4 Antibody (C-term) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

RFX4 Antibody (C-term) - Images

Anti-RFX4 Antibody (C-term) at 1:2000 dilution + human brain lysates. Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 83 kDa. Blocking/Dilution buffer: 5% NFDM/TBST.



Anti-RFX4 Antibody (C-term) at 1:2000 dilution + HepG2 whole cell lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 83 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

RFX4 Antibody (C-term) - Background

May activate transcription by interacting directly with the X-box.

RFX4 Antibody (C-term) - References

Blackshear P.J., et al. Development 130:4539-4552(2003).
Matsushita H., et al. Cancer Sci. 96:801-809(2005).
Huang X., et al. J. Nanosci. Nanotechnol. 5:1236-1239(2005).
Ota T., et al. Nat. Genet. 36:40-45(2004).
Scherer S.E., et al. Nature 440:346-351(2006).