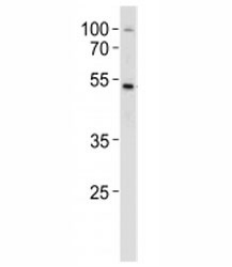
# SOX4 Polyclonal Antibody (F47904)

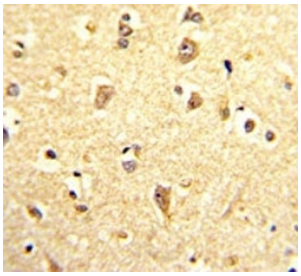
| Catalog No. | Formulation | Size |
|---|---|---|
| F47904-0.4ML | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.4 ml |
| F47904-0.08ML | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.08 ml |

**Bulk quote request**

| | |
|---|---|
| **Species Reactivity** | Human |
| **Format** | Purified |
| **Host** | Rabbit |
| **Clonality** | Polyclonal (rabbit origin) |
| **Isotype** | Rabbit Ig |
| **Purity** | Purified |
| **UniProt** | Q06945 |
| **Localization** | Nuclear, cytoplasmic |
| **Applications** | Western Blot : 1:1000<br>IHC (Paraffin) : 1:50-1:100 |
| **Limitations** | This SOX4 Polyclonal Antibody is available for research use only. |




SOX4 Polyclonal Antibody western blot analysis in MCF-7 lysate. Expected/observed molecualr weight ~47kDa.



IHC analysis of FFPE human brain stained with SOX4 Polyclonal Antibody.

## Description

SOX4 is a member of the SOX (SRY-related HMG-box) family of transcription factors involved in the regulation of embryonic development and in the determination of the cell fate. The protein may act as a transcriptional regulator after forming a protein complex with other proteins, such as syndecan binding protein (syntenin). The protein may function in the apoptosis pathway leading to cell death as well as to tumorigenesis and may mediate downstream effects of parathyroid hormone (PTH) and PTH-related protein (PTHrP) in bone development. The solution structure has been resolved for the HMG-box of a similar mouse protein.

Explore our SOX4 Antibody PCRP-SOX4-1D6 for additional research into SOX4 expression, transcriptional regulation, and developmental signaling.

## Application Notes

Titration of the SOX4 Polyclonal Antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

A portion of amino acids 269-297 from the human protein was used as the immunogen for this SOX4 antibody.

## Storage

Aliquot the SOX4 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

## Alternate Names

SOX4 antibody, SRY-box transcription factor 4 antibody, SRY-related HMG-box 4 antibody, SOX-4 antibody, SRY box protein 4 antibody


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