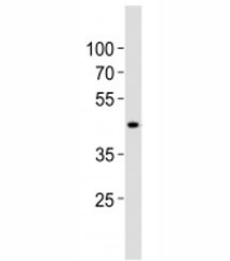
# SOX7 Antibody (F53059)

| Catalog No. | Formulation | Size |
|---|---|---|
| F53059-0.4ML | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.4 ml |
| F53059-0.08ML | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.08 ml |

**Bulk quote request**

| | |
|---|---|
| **Availability** | 1-3 business days |
| **Species Reactivity** | Human |
| **Format** | Antigen affinity purified |
| **Host** | Rabbit |
| **Clonality** | Polyclonal (rabbit origin) |
| **Isotype** | Rabbit Ig |
| **Purity** | Antigen affinity |
| **UniProt** | Q9BT81 |
| **Applications** | Western blot: 1:1000 |
| **Limitations** | This SOX7 antibody is available for research use only. |




Western blot analysis of lysate from human kidney tissue lysate using SOX7 antibody diluted at 1:1000. Predicted molecular weight: 42/49 kDa (isoforms 1/2).

## Description

Binds to and activates the CDH5 promoter, hence plays a role in the transcriptional regulation of genes expressed in the hemogenic endothelium and blocks further differentiation into blood precursors (By similarity). May be required for the survival of both hematopoietic and endothelial precursors during specification (By similarity). Competes with GATA4 for binding and activation of the FGF3 promoter (By similarity). Represses Wnt/beta-catenin-stimulated transcription, probably by targeting CTNNB1 to proteasomal degradation. Binds the DNA sequence 5'- AACAAT-3'.

## Application Notes

Titration of the SOX7 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

A portion of amino acids 224-258 of the human protein was used as the immunogen for the SOX7 antibody.

## Storage

Aliquot the SOX7 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.


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