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# Datasheet for ABIN3032741 anti-SOX7 antibody (AA 224-258)

2 Images



### Overview

Quantity:	0.4 mL
Target:	SOX7
Binding Specificity:	AA 224-258
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SOX7 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

## Product Details

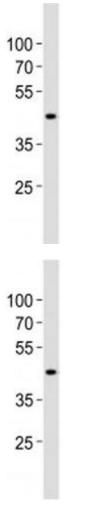
Immunogen:	A portion of amino acids 224-258 of the human protein was used as the immunogen for the SOX7 antibody.
lsotype:	Ig Fraction
Purification:	Antigen affinity purified

## Target Details

Target:	SOX7
Alternative Name:	SOX7 (SOX7 Products)
Background:	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

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	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'.
UniProt:	Q9BT81
Pathways:	Positive Regulation of Endopeptidase Activity
Application Details	
Application Notes:	Titration of the SOX7 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	In 1X PBS, pH 7.4, with 0.09 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Aliquot the SOX7 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.



#### Western Blotting

**Image 1.** 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).

#### Western Blotting

**Image 2.** 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).

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