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Datasheet for ABIN3032740
anti-SOX7 antibody (C-Term)

2 Images

Overview

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

Product Details

Immunogen:	This SOX7 antibody was produced from a rabbit immunized with a KLH conjugated synthetic peptide between 319-353 amino acids from the C-terminal region of human SOX7.
Isotype:	Ig Fraction
Cross-Reactivity (Details):	Expected species reactivity: Mouse
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

Target Details

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'- AACAAAT-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

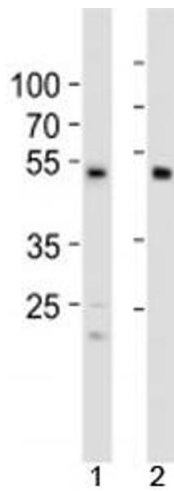
Buffer: In 1X PBS, pH 7.4, with 0.09 % sodium azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

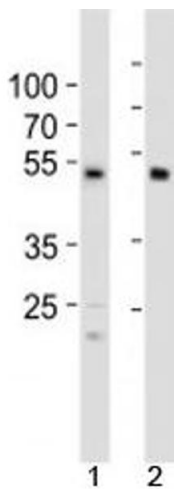
Storage: -20 °C

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 1) HCT116 cell line and 2) human heart tissue using SOX7 antibody at 1:1000. Predicted molecular weight: 42/49 kDa (isoforms 1/2).



Western Blotting

Image 2. Western blot analysis of lysate from 1) HCT116 cell line and 2) human heart tissue using SOX7 antibody at 1:1000. Predicted molecular weight: 42/49 kDa (isoforms 1/2).