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Datasheet for ABIN7270576
anti-SOX7 antibody (AA 250-350)

1 Image

Overview

Quantity:	100 µL
Target:	SOX7
Binding Specificity:	AA 250-350
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SOX7 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	SOX7 Rabbit pAb
Immunogen:	A synthetic peptide corresponding to a sequence within amino acids 250-350 of human SOX7 (NP_113627.1).
Sequence:	PLHCSHPLGS LALGQSPGVS MMSPVPGCPP SPAYYSPATY HPLHSNLQAH LGQLSPPPEH PGFDALDQLS QVELLGDMDR NEFDQYLNTG GHPDSATGAM A
Isotype:	IgG
Cross-Reactivity:	Mouse
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

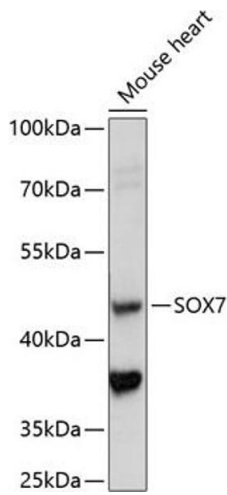
Target:	SOX7
Alternative Name:	SOX7 (SOX7 Products)
Background:	<p>This gene encodes a member of the SOX (SRY-related HMG-box) family of transcription factors involved in the regulation of embryonic development and in the determination of the cell fate. The encoded protein may act as a transcriptional regulator after forming a protein complex with other proteins. The protein may play a role in tumorigenesis. A similar protein in mice is involved in the regulation of the wntless-type MMTV integration site family (Wnt) pathway.,SOX7,SRY-box 7,Epigenetics & Nuclear Signaling,Transcription Factors,Cell Biology & Developmental Biology,Stem Cells,SOX7</p>
Molecular Weight:	42kDa/48kDa
Gene ID:	83595
UniProt:	Q9BT81
Pathways:	Positive Regulation of Endopeptidase Activity

Application Details

Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
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:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of mouse heart, using SOX7 antibody (ABIN7270576) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Enhanced Kit (RM00021). Exposure time: 10s.