

Datasheet for ABIN2777427  
**anti-SOX1 antibody (Middle Region)**[Go to Product page](#)

## 4 Images

## Overview

Quantity:	100 µL
Target:	SOX1
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rabbit, Zebrafish (Danio rerio), Cow, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SOX1 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human SOX1
Sequence:	AAGGAHQNSA VAAAAAAAAA SSGALGALGS LVKSEPSGSP PAPAHSRAPC
Predicted Reactivity:	Cow: 93%, Dog: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Zebrafish: 80%
Characteristics:	This is a rabbit polyclonal antibody against SOX1. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

## Target Details

Target:	SOX1
Alternative Name:	SOX1 ( <a href="#">SOX1 Products</a> )

## Target Details

Background:	<p>SOX1 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. SOX1 may act as a transcriptional activator after forming a protein complex with other proteins. In mice, a similar protein regulates the gamma-crystallin genes and is essential for lens development. This intronless 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 activator after forming a protein complex with other proteins. In mice, a similar protein regulates the gamma-crystallin genes and is essential for lens development.</p> <p>Alias Symbols: -</p> <p>Protein Interaction Partner: CTNNB1,</p> <p>Protein Size: 391</p>
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Molecular Weight:	39 kDa
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Gene ID:	6656
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NCBI Accession:	<a href="#">NM_005986</a> , <a href="#">NP_005977</a>
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UniProt:	<a href="#">O00570</a>
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## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
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Comment:	Antigen size: 391 AA
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Restrictions:	For Research Use only
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## Handling

Format:	Liquid
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Concentration:	Lot specific
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Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
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Preservative:	Sodium azide
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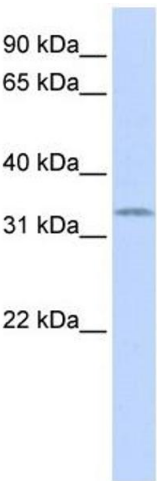
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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Handling Advice:	Avoid repeated freeze-thaw cycles.
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Handling

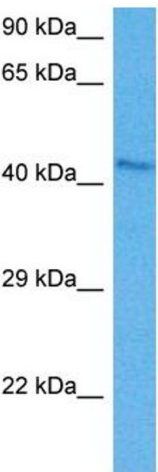
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

**Image 1.** WB Suggested Anti-SOX1 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:1562500 Positive Control: Human Lung

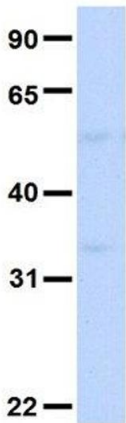


Host: Rabbit  
Target Name: Sox1  
Sample Type: Mouse Heart Lysate  
Antibody Dilution: 1.0µg/ml

Western Blotting

**Image 2.** Host: Mouse Target Name: SOX1 Sample Tissue: Mouse Heart Antibody Dilution: 1ug/ml

SOX1



Rabbit Anti-SOX1  
Sample Type: Human Fetal Heart  
Antibody Concentration: 1ug/mL

Western Blotting

**Image 3.** Host: Rabbit Target Name: SOX1 Sample Type: Human Fetal Heart Antibody Dilution: 1.0ug/ml

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN2777427.