

Datasheet for ABIN2777862  
**anti-SOX5 antibody (C-Term)**

5 Images

12 Publications

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## Overview

Quantity:	100 µL
Target:	SOX5
Binding Specificity:	C-Term
Reactivity:	Human, Rat, Mouse, Guinea Pig, Horse, Rabbit, Cow, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SOX5 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human SOX5
Sequence:	PEPGMPVIQS TYGVKGEEPH IKEEIQAEDI NGEIYDEYDE EEDDPDVDYG
Specificity:	Designed to recognize all five isoforms of human SOX5 (84, 82, 42, 71 and 83 kDa)
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 92%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against SOX5. It was validated on Western Blot.
Purification:	Affinity Purified

## Target Details

Target:	SOX5
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## Target Details

Alternative Name:	SOX5 ( <a href="#">SOX5 Products</a> )
Background:	<p>SOX5 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 encoded protein may play a role in chondrogenesis. A pseudogene of this gene is located on chromosome 8.</p> <p>Alias Symbols: L-SOX5, MGC35153</p> <p>Protein Interaction Partner: SUMO1P1, MORN3, PRR20A, FAM46B, CBX8, ZNF581, ARID5A, KAT5, CDC23, TAF6, SOX5, LM02, LM01, KIFC3, CRX, AES, MED27, UQCRFS1, TTC1, RPS2, SMAD7, SMAD5, SMAD1, FTH1, CDK6, CDC25A, APP, SOX2, SOX6,</p> <p>Protein Size: 377</p>
Molecular Weight:	42 kDa
Gene ID:	6660
NCBI Accession:	<a href="#">NM_178010</a> , <a href="#">NP_821078</a>
UniProt:	<a href="#">P35711</a>

## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 377 AA
Restrictions:	For Research Use only

## Handling

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

## Handling

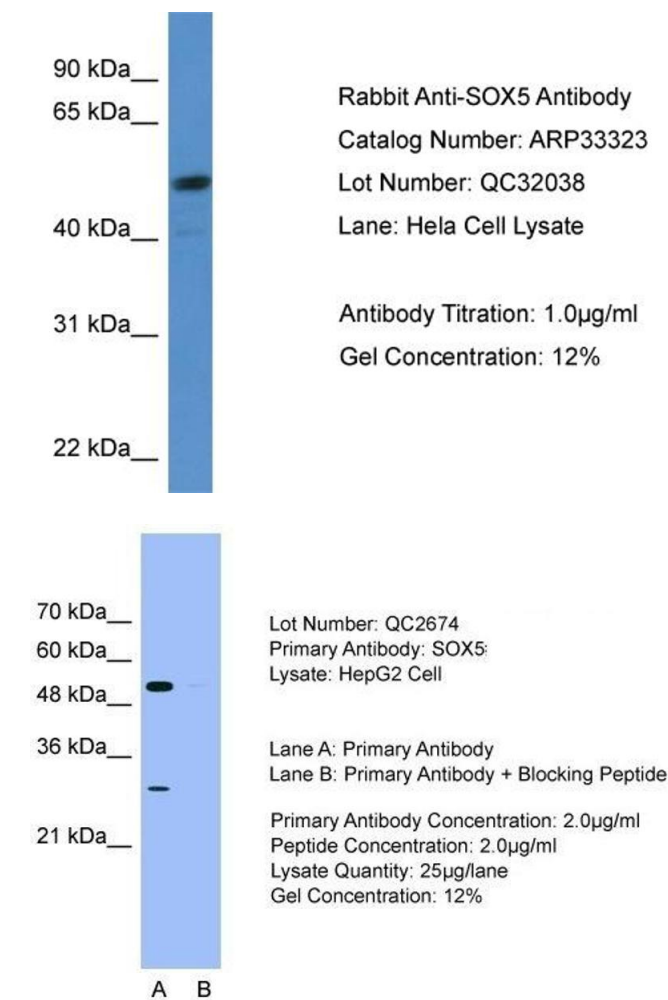
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

## Publications

Product cited in:	Gerhard, Wagner, Feingold, Shenmen, Grouse, Schuler, Klein, Old, Rasooly, Good, Guyer, Peck, Derge, Lipman, Collins, Jang, Sherry, Feolo, Misquitta, Lee, Rotmistrovsky, Greenhut, Schaefer, Buetow et al.: "The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC). ..." in: <b>Genome research</b> , Vol. 14, Issue 10B, pp. 2121-7, (2004) ( <a href="#">PubMed</a> ).
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There are more publications referencing this product on: [Product page](#)

## Images

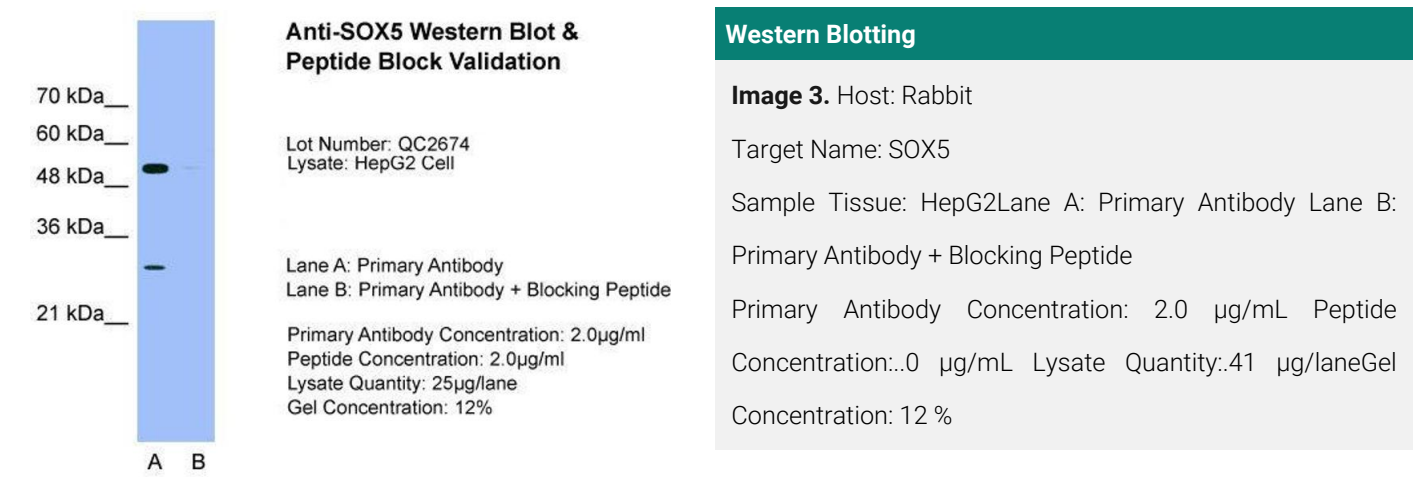


### Western Blotting

**Image 1.** WB Suggested Anti-SOX5 Antibody Titration: 0.2-1 µg/ml ELISA Titer: 1:62500 Positive Control: Hela cell lysate

### Western Blotting

**Image 2.** Host: Rabbit  
Target Name: SOX5  
Sample Tissue: HepG2 cell lysates  
Lane A: Primary Antibody  
Lane B: Primary Antibody + Blocking Peptide  
Primary Antibody Concentration: 2.0 µg/mL Peptide Concentration: 2.0 µg/mL Lysate Quantity: 41 µg/lane  
Gel Concentration: 12 %



Please check the [product details page](#) for more images. Overall 5 images are available for ABIN2777862.