

Datasheet for ABIN2777863  
**anti-SOX5 antibody (N-Term)**



[Go to Product page](#)

1 Image

## Overview

Quantity:	100 µL
Target:	SOX5
Binding Specificity:	N-Term
Reactivity:	Human, Rat, Mouse, Guinea Pig, Horse, Rabbit
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 N terminal region of human SOX5
Sequence:	VSPFNKPHSE EFQPVSLLTQ ETCGHRTPTS QHNTMEVDGN KVMSSFAPHN
Predicted Reactivity:	Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, 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
Alternative Name:	SOX5 ( <a href="#">SOX5 Products</a> )
Background:	SOX5 encodes a member of the SOX (SRY-related HMG-box) family of transcription factors

## Target Details

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.

Alias Symbols: L-SOX5, MGC35153

Protein Interaction Partner: SUMO1P1, MORN3, PRR20A, FAM46B, CBX8, ZNF581, ARID5A, KAT5, CDC23, TAF6, SOX5, LMO2, LMO1, KIFC3, CRX, AES, MED27, UQCRFS1, TTC1, RPS2, SMAD7, SMAD5, SMAD1, FTH1, CDK6, CDC25A, APP, SOX2, SOX6,

Protein Size: 763

Molecular Weight: 84 kDa

Gene ID: 6660

NCBI Accession: [NM\\_006940](#), [NP\\_008871](#)

UniProt: [P35711](#)

## Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 763 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

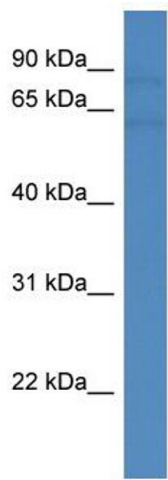
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freeze-thaw cycles.

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.



**Western Blotting**

**Image 1.** WB Suggested Anti-SOX5 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: MCF7 cell lysate