

Datasheet for ABIN2460684  
**anti-SHOX2 antibody**



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1 Image

## Overview

Quantity:	100 µL
Target:	SHOX2
Reactivity:	Human, Rat, Mouse, Dog, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SHOX2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

## Product Details

Immunogen:	Antibody produced in rabbits immunized with a synthetic peptide corresponding a region of human SHOX2.
Purification:	Antibody is purified by protein A chromatography method.

## Target Details

Target:	SHOX2
Alternative Name:	SHOX2 ( <a href="#">SHOX2 Products</a> )
Background:	SHOX2 is a member of the homeo box family of genes that encode proteins containing a 60-amino acid residue motif that represents a DNA binding domain. Homeo box genes have been characterized extensively as transcriptional regulators involved in pattern formation in both invertebrate and vertebrate species. Several human genetic disorders are caused by aberrations in human homeo box genes. SHOX is a pseudoautosomal homeo box gene that is

## Target Details

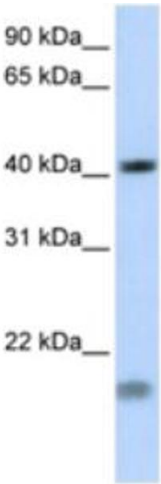
	thought to be responsible for idiopathic short stature and implicated to play a role in the short stature phenotype of Turner syndrome patients.
Molecular Weight:	35 kDa
Gene ID:	6474
NCBI Accession:	<a href="#">NP_006875</a>
UniProt:	<a href="#">O60902</a>
Pathways:	<a href="#">Regulation of Muscle Cell Differentiation, Skeletal Muscle Fiber Development</a>

## Application Details

Application Notes:	SHOX2 antibody can be used for detection of SHOX2 by ELISA at 1:62500. SHOX2 antibody can be used for detection of SHOX2 by western blot at 2.5 µg/mL, and HRP conjugated secondary antibody should be diluted 1:50,000 - 100,000.
Restrictions:	For Research Use only

## Handling

Format:	Lyophilized
Reconstitution:	Add 100 µL of distilled water. Final antibody concentration is 1 mg/mL.
Concentration:	1 mg/mL
Buffer:	Antibody is lyophilized in PBS buffer with 2 % sucrose.
Handling Advice:	As with any antibody avoid repeat freeze-thaw cycles.
Storage:	4 °C/-20 °C
Storage Comment:	For short periods of storage (days) store at 4 °C. For longer periods of storage, store SHOX2 antibody at -20 °C.



Western Blotting

Image 1.