

Datasheet for ABIN6147751
anti-SHOX2 antibody (AA 96-355)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	SHOX2
Binding Specificity:	AA 96-355
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SHOX2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 96-355 of human SHOX2 (NP_003021.3).
Sequence:	ELDMGAAERS REPGSPRLTE GRRKPTKAEV QATLLLPGEA FRFLVSPELK DRKEDAKGME DEGQTKIKQR RSRTNFTLEQ LNELERLFDE THYPDAFMRE ELSQRLGLSE ARVQVWFQNR RAKCRKQENQ LHKGVLLIGAA SQFEACRVAP YVNVGALRMP FQQDSHCNVT PLSFQVQAQL QLDSAVAHAAH HHLHPHLAAH APYMMFPAPP FGLPLATLAA DSASAASVVA AAAAAKTTSK NSSIADLRLK AKKHAAALGL
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies

Target Details

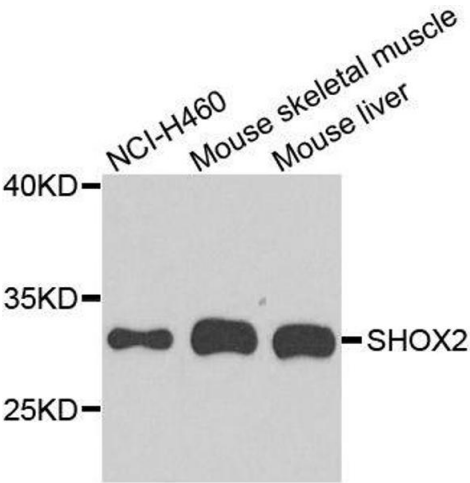
Target:	SHOX2
Alternative Name:	SHOX2 (SHOX2 Products)
Background:	<p>This gene is a member of the homeobox family of genes that encode proteins containing a 60-amino acid residue motif that represents a DNA binding domain. Homeobox genes have been characterized extensively as transcriptional regulators involved in pattern formation in both invertebrate and vertebrate species. Several human genetic disorders are caused by aberrations in human homeobox genes. This locus represents a pseudoautosomal homeobox gene that is thought to be responsible for idiopathic short stature, and it is implicated in the short stature phenotype of Turner syndrome patients. This gene is considered to be a candidate gene for Cornelia de Lange syndrome. Alternative splicing results in multiple transcript variants.,SHOX2,OG12,OG12X,SHOT,Epigenetics & Nuclear Signaling,Transcription Factors,SHOX2</p>
Molecular Weight:	33 kDa/34 kDa/37 kDa
Gene ID:	6474
UniProt:	O60902
Pathways:	Regulation of Muscle Cell Differentiation, Skeletal Muscle Fiber Development

Application Details

Application Notes:	WB,1:500 - 1:2000
Comment:	HIGH QUALITY
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 various cell lines, using SHOX2 antibody.