

# SHOX rabbit monoclonal antibody

Catalog # H00006473-K

Size 100 ug x up to 3

## Specification

<b>Product Description</b>	Rabbit monoclonal antibody raised against a human SHOX peptide using ARM Technology.
<b>Immunogen</b>	A synthetic peptide of human SHOX is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
<b>Host</b>	Rabbit
<b>Library Construction</b>	Non-fusion antibody library from rabbit spleen ( <a href="#">ARM Technology</a> ).
<b>Expression</b>	Overexpression vector and transfection into 293H cell line.
<b>Reactivity</b>	Human
<b>Purification</b>	Protein A
<b>Isotype</b>	IgG
<b>Quality Control Testing</b>	Antibody reactive against human SHOX peptide by ELISA and mammalian transfected lysate by Western Blot.
<b>Storage Buffer</b>	In 1x PBS, pH 7.4
<b>Storage Instruction</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
<b>Deliverable</b>	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
<b>Note</b>	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) <sub>2</sub> , IgG, scFv and different Fc and non-Fc conjugates per customer request.

## Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

## Gene Info — SHOX

Entrez GeneID	<a href="#">6473</a>
GeneBank Accession#	<a href="#">SHOX</a>
Gene Name	SHOX
Gene Alias	GCFX, PHOG, SHOXY, SS
Gene Description	short stature homeobox
Omim ID	<a href="#">127300</a> <a href="#">249700</a> <a href="#">312865</a> <a href="#">400020</a> <a href="#">604271</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	This gene belongs to the paired homeobox family and is located in the pseudoautosomal region 1 (PAR1) of X and Y chromosomes. Defects in this gene are associated with idiopathic growth retardation and in the short stature phenotype of Turner syndrome patients. This gene is highly conserved across species from mammals to fish to flies. Alternatively spliced transcript variants encoding different isoforms have been noted for this gene. [provided by RefSeq]
Other Designations	OTTHUMP00000022821 OTTHUMP00000022822 growth control factor, X-linked pseudoautosomal homeobox-containing osteogenic

## Disease

- [Growth Disorders](#)