

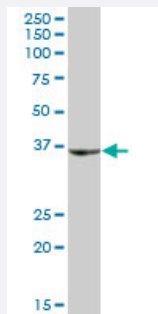
MaxPab®

SHOX purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00006473-B01P

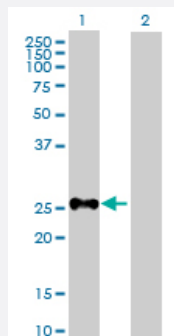
Size 50 ug

Applications



Western Blot (Tissue lysate)

SHOX MaxPab polyclonal antibody. Western Blot analysis of SHOX expression in human liver.



Western Blot (Transfected lysate)

Western Blot analysis of SHOX expression in transfected 293T cell line ([H00006473-T01](#)) by SHOX MaxPab polyclonal antibody.

Lane 1: SHOX transfected lysate(24.75 kDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human SHOX protein.
Immunogen	SHOX (NP_006874.1, 1 a.a. ~ 225 a.a) full-length human protein.
Sequence	MEELTAFVSKSFDQKSKDGNNGGGGGGGGKKDSITYREVLESLARSRELGTSDSSLQDITEGGG HCPVHLFKDHVDNDKEKLKEFGTARVAEGYECKEKREDVKSEDEDGQTKLKQRRSRTNFTLEQ LNELERLFDETHYPDAFMREELSQRLLGLSEARVQVWFQNRRAKCRKQENQMHKGVILGTANHLD ACRVAPYVNMGALRMPFQQMEFCSCRPGWSIMA
Host	Mouse
Reactivity	Human

Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

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Gene Info — SHOX

Entrez GeneID	6473
GeneBank Accession#	NM_006883.2
Protein Accession#	NP_006874.1
Gene Name	SHOX
Gene Alias	GCFX, PHOG, SHOXY, SS
Gene Description	short stature homeobox
Omim ID	127300 249700 312865 400020 604271
Gene Ontology	Hyperlink

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]
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Other Designations

OTTHUMP00000022821|OTTHUMP00000022822|growth control factor, X-linked|pseudoautosomal homeobox-containing osteogenic

Disease

- [Growth Disorders](#)