

DNAxPAb

Hard-to-Find
Antibody

SHOX DNAxPab

Catalog # H00006473-W01P Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human SHOX DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MEELTAFVSKSFDQKSKDGNNGGGGGGGGKKDSITYREVLESGLARSRELGTSDSSSLQDITEGGG HCPVHLFKDHVDNDKEKLKEFGTARVAEGIYECKEKREDVKSEDEDGQTKLKQRRSRTNFTLEQ LNELERLFDETHYPDAFMREELSQRLLGLSEARVQVWFQNRRAKCRKQENQMHKGVILGTANHLD ACRVAPYVNMGALRMPFQQMEFCSCRPGWSIMA
Host	Rabbit
Reactivity	Human
Purification	Protein A
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.

Applications

- Western Blot (Transfected lysate)
[Protocol Download](#)
- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

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]
Other Designations	OTTHUMP00000022821 OTTHUMP00000022822 growth control factor, X-linked pseudoautosomal homeobox-containing osteogenic

Disease

- [Growth Disorders](#)