

SHOX2 Polyclonal Antibody

Catalog No: #31502



Package Size: #31502-1 50ul #31502-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

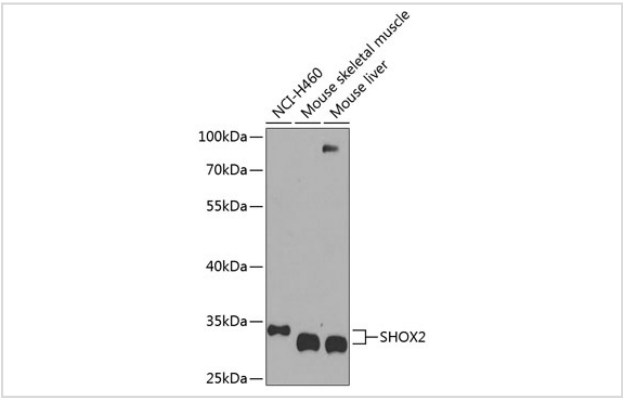
Description

Product Name	SHOX2 Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB IHC
Species Reactivity	Human,Mouse,Rat
Immunogen Description	Recombinant fusion protein of human SHOX2 (NP_003021.3).
Other Names	SHOX2; OG12; OG12X; SHOT; short stature homeobox 2
Accession No.	Swiss-Prot#:O60902NCBI Gene ID:6474
Uniprot	O60902
GeneID	6474;
Calculated MW	30kDa
Formulation	Avoid freeze / thaw cycles. Buffer: PBS with 50% glycerol, pH7.4.
Storage	Store at -20°C

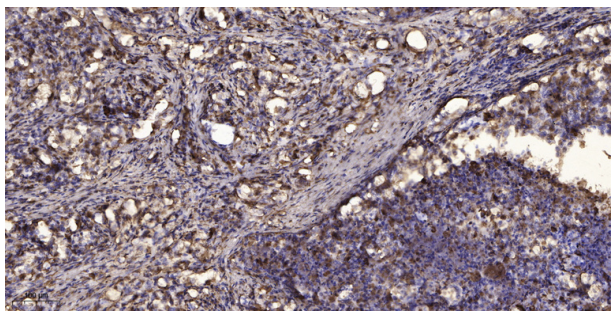
Application Details

WB 1:500 - 1:2000 IHC 1:50-300

Images



Western blot analysis of extracts of various cell lines, using SHOX2 at 1:1000 dilution.



Immunohistochemical analysis of paraffin-embedded human Squamous cell carcinoma of lung. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).

Background

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.

Note: This product is for in vitro research use only