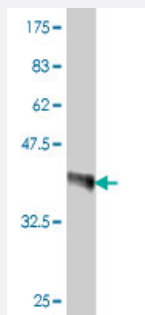


SHOX2 polyclonal antibody (A01)

Catalog # H00006474-A01

Size 50 uL

Applications



Western Blot detection against Immunogen (35.79 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant SHOX2.
Immunogen	SHOX2 (NP_006875, 117 a.a. ~ 204 a.a) partial recombinant protein with GST tag.
Sequence	SPELKDRKDDAKGMEDEGQTKIKQRRSRTNFTLEQLNELERLFDETHYPDAFMREELSQRLGLS EARVQVWFQNRRAKCRKQENQLHK
Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (35.79 KDa) .
Storage Buffer	50 % glycerol
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — SHOX2

Entrez GeneID [6474](#)

GeneBank Accession# [NM_006884](#)

Protein Accession# [NP_006875](#)

Gene Name SHOX2

Gene Alias OG12, OG12X, OGI2X, SHOT

Gene Description short stature homeobox 2

Omim ID [602504](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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. [provided by RefSeq]

Other Designations SHOX homologous gene on chromosome 3|short stature homeobox homolog