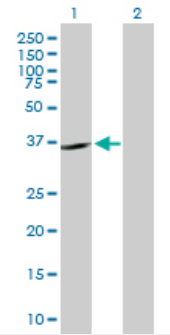
MaxPab®

# SHOX2 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00006474-B01P Size 50 ug

## Applications




### Western Blot (Transfected lysate)

Western Blot analysis of SHOX2 expression in transfected 293T cell line (H00006474-T01) by SHOX2 MaxPab polyclonal antibody.

Lane 1: SHOX2 transfected lysate(39.05 KDa).
Lane 2: Non-transfected lysate.

## Specification

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|---|---|
| **Product Description** | Mouse polyclonal antibody raised against a full-length human SHOX2 protein. |
| **Immunogen** | SHOX2 (AAH08829.1, 1 a.a. ~ 355 a.a) full-length human protein. |
| **Sequence** | MEELTAFVSKSFDQKVKEKKEAITYREVLESGPLRGAKEPTGCTEAGRDDRSSPAVRAAGGGG GGGGGGGGGGGGGGVGGGGAGGGAGGGRSPVRELDMGAAERSREPGSPRLTEGRRKPTKA EVQATLLLPGEAFRFLVSPELKDRKEDAKGMEDEGQTKIKQRRSRTNFTLEQLNELERLFDETHY PDAFMREELSQRLGLSEARVQVWFQNRRAKCRKQENQLHKGVLIGAASQFEACRVAPYVNVGA LRMPFQQDSHCNVTPLSFQVQAQLQLDSAVAHAHHHLHPHLAAHAPYMMFPAPPFGLPLATLAA DSASAASVVAAAAAAKTTSKNSSIADLRLKAKKHAAALGL |
| **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

## Gene Info — SHOX2

| | |
|---|---|
| **Entrez GeneID** | 6474 |
| **GeneBank Accession#** | BC008829.2 |
| **Protein Accession#** | AAH08829.1 |
| **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 |