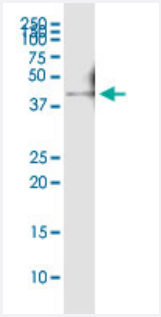
# SHOX2 (Human) IP-WB Antibody Pair

Catalog # H00006474-PW2 Size 1 Set

## Applications




Immunoprecipitation of SHOX2 transfected lysate using rabbit polyclonal anti-SHOX2 and Protein A Magnetic Bead (U0007), and immunoblotted with mouse purified polyclonal anti-SHOX2.

## Specification

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| **Product Description** | This IP-WB antibody pair set comes with one antibody for immunoprecipitation and another to detect the precipitated protein in western blot. |
| **Reactivity** | Human |
| **Quality Control Testing** | Immunoprecipitation-Western Blot (IP-WB)<br>Immunoprecipitation of SHOX2 transfected lysate using rabbit polyclonal anti-SHOX2 and Protein A Magnetic Bead (U0007), and immunoblotted with mouse purified polyclonal anti-SHOX2. |
| **Supplied Product** | Antibody pair set content:<br>1. Antibody pair for IP: rabbit polyclonal anti-SHOX2 (300 ul)<br>2. Antibody pair for WB: mouse purified polyclonal anti-SHOX2 (50 ug) |
| **Storage Instruction** | Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze tha w cycle. Reagents should be returned to -20°C storage immediately after use. |

## Applications

- Immunoprecipitation-Western Blot

Protocol Download

# Gene Info — SHOX2

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| **Entrez GeneID** | 6474 |
| **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 |