

Anti-SHOX Antibody

Rabbit polyclonal antibody to SHOX Catalog # AP59935

Specification

Anti-SHOX Antibody - Product Information

Application WB
Primary Accession 015266

Reactivity Human, Mouse, Rat, Chicken, Dog

Host Rabbit
Clonality Polyclonal
Calculated MW 32236

Anti-SHOX Antibody - Additional Information

Gene ID 6473

Other Names

PHOG; Short stature homeobox protein; Pseudoautosomal homeobox-containing osteogenic protein; Short stature homeobox-containing protein

Target/Specificity

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human SHOX. The exact sequence is proprietary.

Dilution

WB~~WB (1/500 - 1/1000)

Format

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

Storage

Store at -20 °C. Stable for 12 months from date of receipt

Anti-SHOX Antibody - Protein Information

Name SHOX

Synonyms PHOG

Function

Controls fundamental aspects of growth and development.

Cellular Location

Nucleus {ECO:0000255|PROSITE-ProRule:PRU00108, ECO:0000255|PROSITE-ProRule:PRU00138}

Tissue Location



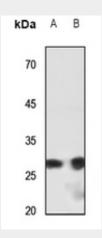
SHOXA is expressed in skeletal muscle, placenta, pancreas, heart and bone marrow fibroblast and SHOXB is highly expressed in bone marrow fibroblast followed by kidney and skeletal muscle. SHOXB is not expressed in brain, kidney, liver and lung. Highly expressed in osteogenic cells

Anti-SHOX Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

Anti-SHOX Antibody - Images



Western blot analysis of SHOX expression in mouse muscle (A), rat muscle (B) whole cell lysates.

Anti-SHOX Antibody - Background

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