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Anti-SHOX Antibody
Rabbit polyclonal antibody to SHOX
Catalog # AP59935

Specification

Anti-SHOX Antibody - Product Information

Application	**WB**
Primary Accession	O15266
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
Recognizes endogenous levels of SHOX protein.

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

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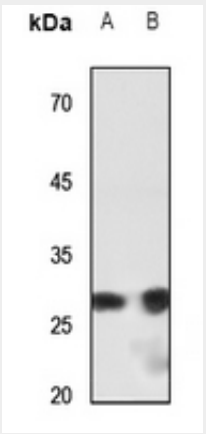
SHOXB is highly expressed in bone marrow fibroblast followed by kidney and skeletal muscle. SHOXB is not expressed in brain, kidney, liver and lung. Highly expressed in osteogenic cells

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
- Immunoprecipitation
- 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

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