

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, Drosophila
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

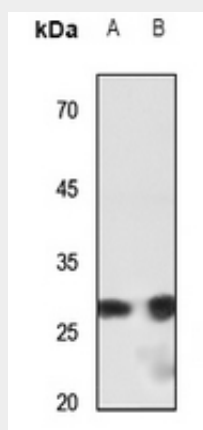
SHOXB is highly expressed in bone marrow fibroblast followed by kidney and skeletal muscle. SHOXB is not expressed in brain, kidney, liver and lung. Highly expressed in osteogenic cells

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 Cytometry](#)
- [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 SHOXB. The exact sequence is proprietary.