

## Anti-SCX(human class II bHLH protein scleraxis) Polyclonal Antibody

Cat. #: 60B467

### Description:

Human class II bHLH protein scleraxis is a member of the basic helix-loop-helix (bHLH) family of transcription factors. The members of bHLH family have been shown to regulate growth and differentiation of numerous cell types. Cell-type-specific bHLH proteins typically form heterodimers with ubiquitous bHLH proteins, such as E12, and bind a DNA consensus sequence known as an E-box. Scleraxis bound the E-box consensus sequence as a heterodimer with E12 and activated transcription of a reporter gene linked to its DNA-binding site. The scleraxis is a regulator of gene expression within mesenchymal cell lineages that give rise to cartilage and connective tissue.

### Immunogen/Specificity:

Polyclonal antibody produced in rabbits immunizing with a synthetic peptide corresponding to N-terminal residues of human SCX (human class II bHLH protein scleraxis)

### References

McLellan, A.S., et al, Gene Expr. Patterns 2 (3-4), 329-335 (2002)

Clone Number:

Isotype:

Species: human, mouse

Storage and Stability: at -20°C

### Storage buffer:

This antibody is stored in PBS, 0.01% sodium azide and 50% glycerol.

### Preparation:

Purified by antigen-specific affinity chromatography.

### Applications :

ELISA

Western Blotting (1 µg/ml for 2hrs)