

**(Mouse) Scx Antibody (C-term)**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP21316b**

## Specification

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### (Mouse) Scx Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	<a href="#">Q64124</a>
Reactivity	Mouse
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Calculated MW	22239
Antigen Region	172-205

### (Mouse) Scx Antibody (C-term) - Additional Information

**Gene ID** 20289

#### Other Names

Basic helix-loop-helix transcription factor scleraxis, Scx

#### Target/Specificity

This Mouse Scx antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 172-205 amino acids from the C-terminal region of Mouse Scx.

#### Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

#### Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

#### Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

#### Precautions

(Mouse) Scx Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

### (Mouse) Scx Antibody (C-term) - Protein Information

#### Name Scx

**Function** Plays an early essential role in mesoderm formation, as well as a later role in formation of somite-derived chondrogenic lineages.

**Cellular Location**

Nucleus {ECO:0000255|PROSITE-ProRule:PRU00981}.

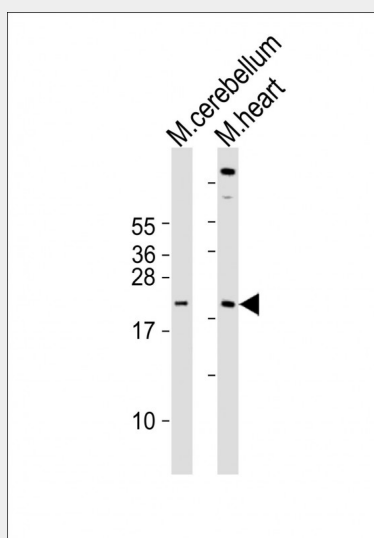
**Tissue Location**

Expressed in mesenchymal precursors of cartilage and in connective tissue. Highly expressed in tendons in the limb, tongue and diaphragm and in cartilage of the bronchi

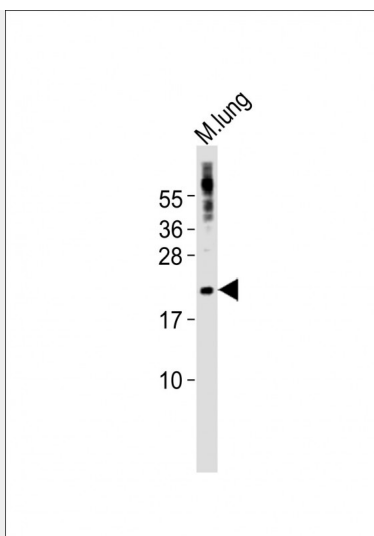
**(Mouse) Scx Antibody (C-term) - Protocols**

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](#)

**(Mouse) Scx Antibody (C-term) - Images**

All lanes : Anti-Scx Antibody (C-term) at 1:2000 dilution Lane 1: mouse cerebellum lysates Lane 2: mouse heart lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 22 kDa Blocking/Dilution buffer: 5% NFDM/TBST.



Anti-Scx Antibody (C-term) at 1:1000 dilution + mouse lung lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 22 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

#### **(Mouse) Scx Antibody (C-term) - Background**

Plays an early essential role in mesoderm formation, as well as a later role in formation of somite-derived chondrogenic lineages.

#### **(Mouse) Scx Antibody (C-term) - References**

Cserjesi P., et al. Development 121:1099-1110(1995).  
Brown D., et al. Development 126:4317-4329(1999).

#### **(Mouse) Scx Antibody (C-term) - Citations**

- [Comparative Analysis of Tenogenic Gene Expression in Tenocyte-Derived Induced Pluripotent Stem Cells and Bone Marrow-Derived Mesenchymal Stem Cells in Response to Biochemical and Biomechanical Stimuli](#)