

(Mouse) Scx Antibody (N-term)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AW5469

Specification

(Mouse) Scx Antibody (N-term) - Product Information

Application	WB, IHC-P,E
Primary Accession	O64124
Other Accession	O7RTU7
Reactivity	Mouse
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	M=22;H=22 KDa
Isotype	Rabbit IgG
Antigen Source	HUMAN

(Mouse) Scx Antibody (N-term) - Additional Information

Gene ID 20289

Antigen Region
69-102

Other Names
Basic helix-loop-helix transcription factor scleraxis, Scx

Dilution
WB~~1:1000
IHC-P~~1:25

Target/Specificity
This mouse Scx antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 69-102 amino acids from the N-terminal region of mouse Scx.

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 (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

(Mouse) Scx Antibody (N-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

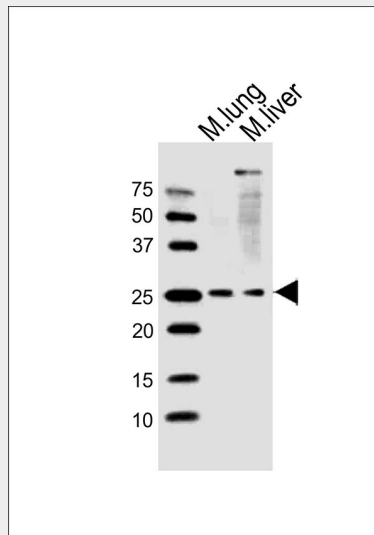
Expressed in mesenchymal precursors of cartilage and in connective tissue. Highly expressed in tendons in the limb, tongue and diaphragm and in cartilage of the bronchi

(Mouse) Scx Antibody (N-term) - Protocols

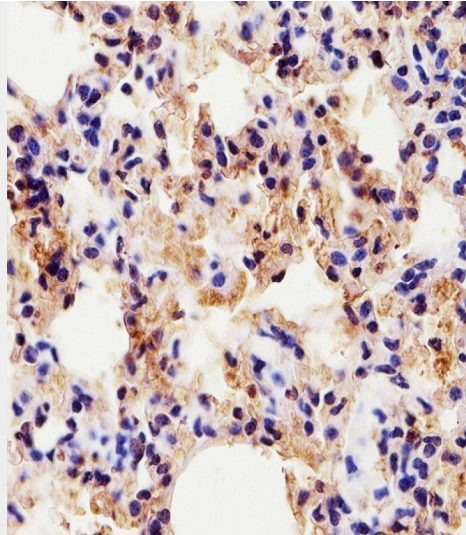
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

(Mouse) Scx Antibody (N-term) - Images



All lanes : Anti-Scx Antibody (N-term) at 1:1000 dilution Lane 1: mouse lung lysates Lane 2: mouse liver 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.



AW5469 staining Scx in Mouse lung tissue sections by Immunohistochemistry (IHC-P - paraformaldehyde-fixed, paraffin-embedded sections). Tissue was fixed with formaldehyde and blocked with 3% BSA for 0.5 hour at room temperature; antigen retrieval was by heat mediation with a citrate buffer (pH6). Samples were incubated with primary antibody (1/25) for 1 hour at 37°C. A undiluted biotinylated goat polyvalent antibody was used as the secondary antibody.

(Mouse) Scx Antibody (N-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 (N-term) - References

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

(Mouse) Scx Antibody (N-term) - Citations

- [Single-Cell Analysis of the Muscle Stem Cell Hierarchy Identifies Heterotypic Communication Signals Involved in Skeletal Muscle Regeneration](#)