10320 Camino Santa Fe, Suite G
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(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	Q64124
Other Accession	Q7RTU7
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

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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}.

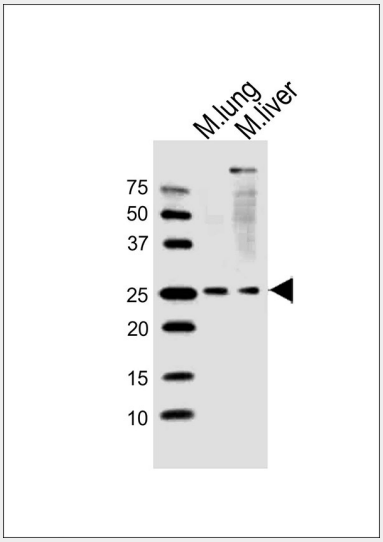
Tissue Location
Expressed in mesenchymal precursors of cartilage and in connective tissue. Highly expressed in tendons in the limb, tongue and diaphragm and in cartilage of the bronchi

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

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

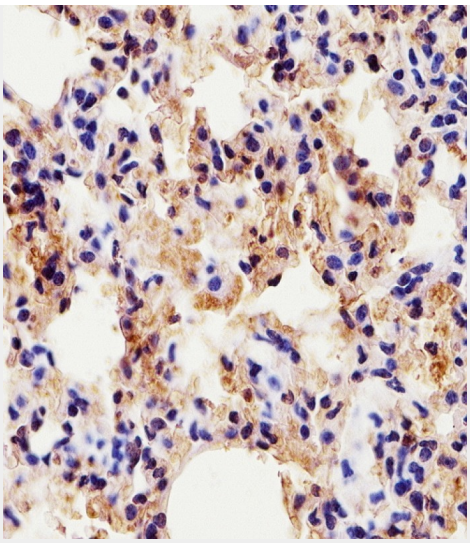
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

(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.

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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 hours 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