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(Mouse) Scx Antibody (N-term)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AW5469

Product Information

Application	WB, IHC-P
Primary Accession	Q64124
Other Accession	Q7RTU7
Reactivity	Mouse
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	22239
Isotype	Rabbit IgG
Antigen Source	HUMAN

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~~1:100~500
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.

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

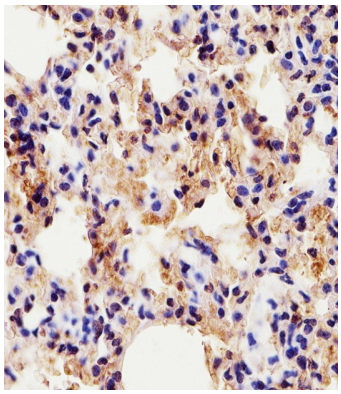
Background

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

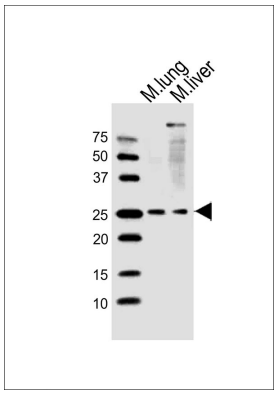
References

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

Images



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.



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.

Citations

- Single-Cell Analysis of the Muscle Stem Cell Hierarchy Identifies Heterotypic Communication Signals Involved in Skeletal Muscle Regeneration

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.