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(Mouse) Scx Antibody (C-term)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP21316b

Product Information

Application	WB, E
Primary Accession	Q64124
Reactivity	Human, Mouse
Predicted	Rat
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Clone Names	RB52406
Calculated MW	22239

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.

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

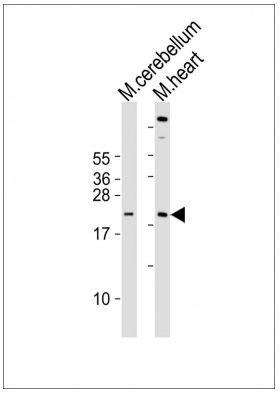
Background

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

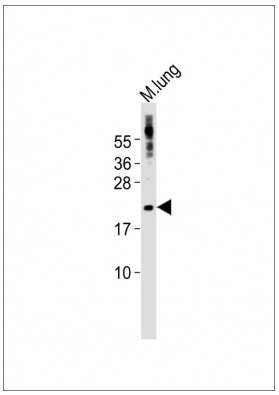
References

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

Images



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.

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

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