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# (Mouse) Scx Antibody (N-term)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP21125a

## Product Information

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|---|---|
| **Application** | WB, IHC-P, E |
| **Primary Accession** | Q64124 |
| **Reactivity** | Human, Mouse |
| **Host** | Rabbit |
| **Clonality** | polyclonal |
| **Isotype** | Rabbit IgG |
| **Clone Names** | RB51093 |
| **Calculated MW** | 22239 |

## Additional Information

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| **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 69-102 amino acids from the N-terminal region of mouse Scx. |
| **Dilution** | WB~~1:1000 IHC-P~~1:100~500 E~~Use at an assay dependent concentration. |
| **Format** | Purified polyclonal antibody supplied in PBS with 0.05% (V/V) Proclin 300. 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

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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. |

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| | 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).

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