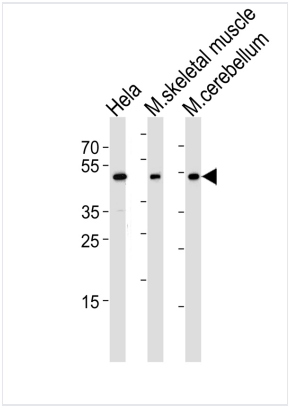
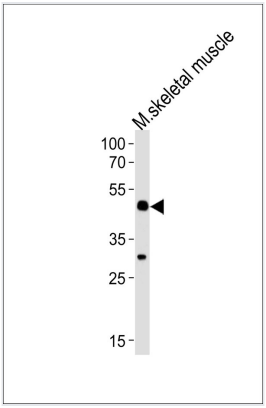
HOXC10 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

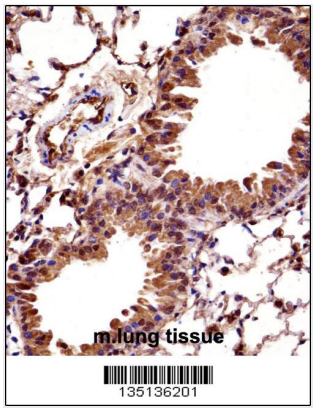
Product Name	Hoxc10, Polyclonal Antibody
Full Product Name	Mouse Hoxc10 Antibody (C-term)
Product Gene Name	anti-Hoxc10 antibody
Product Synonym Names	Homeobox protein Hox-C10; Homeobox protein Hox-36; Hoxc10; Hox-36; Hoxc-10
Clonality	Polyclonal
Isotype	Rabbit Ig
Host	Rabbit
Species Reactivity	Mouse
Form/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.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Concentration	Vial Concentration: 0.5 (lot specific)
Specificity	This Mouse Hoxc10 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 217-246 amino acids from the C-terminal region of mouse Hoxc10.
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.
Antibody/Peptide Pairs	Hoxc10 peptide (MBS9220662) is used for blocking the activity of Hoxc10 antibody (MBS9206197)
Molecular Weight	38196
Immunogen Sequence Positions	217-246
3D Structure	ModBase 3D Structure for P31257
Antigen Type	Synthetic Peptide
Crown Antibody	Yes
Antigen Source	MOUSE
Product Categories/Family for anti-Hoxc10 antibody	Crown Antibodies
Applications Tested/Suitable for anti-Hoxc10 antibody	ELISA (EIA), Immunohistochemistry (IHC), Western Blot (WB)
Application Notes for anti-Hoxc10 antibody	WB~~1:1000
Related Product Information for anti-Hoxc10 antibody	Sequence-specific transcription factor which is part of a developmental regulatory system that provides cells with specific positional identities on the anterior-posterior axis.
Other Notes	Small volumes of anti-Hoxc10 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for Hoxc10 purchase	MBS9206197 is an antibody targeting Hoxc10. Also known as Mouse Hoxc10 Antibody (C-term). Reactive in Mouse. Host: Rabbit.



Western Blot (WB) of anti-Hoxc10 antibody
Western blot analysis of lysates from Hela cell line, mouse skeletal muscle and mouse cerebellum tissue lysate(from left to right), using Mouse Hoxc10 Antibody (C-term). MBS9206197 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysates at 35ug per lane.



Western Blot (WB) of anti-Hoxc10 antibody
Western blot analysis of lysate from mouse skeletal muscle tissue lysate, using Mouse Hoxc10 Antibody (C-term). MBS9206197 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35ug per lane.



Immunohistochemistry (IHC) of anti-Hoxc10 antibody
Mouse Hoxc10 Antibody (C-term) (MBS9206197)immunohistochemistry analysis in formalin fixed and paraffin embedded mouse lung tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of Mouse Hoxc10 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for Hoxc10. It may not necessarily be applicable to this product.

NCBI GI #	326937445
NCBI GeneID	209448
NCBI Accession #	NP_034592.2
UniProt Primary Accession #	P31257
UniProt Secondary Accession #	P31312; Q7TMT7
UniProt Related Accession #	P31257
GenBank Nucleotide #	NM_010462.5
NCBI Official Full Name	homeobox protein Hox-C10
NCBI Official Synonym Full Names	homeobox C10
NCBI Official Symbol	Hoxc10
NCBI Official Synonym Symbols	Hox-3.6; AI506621
UniProt Protein Name	Homeobox protein Hox-C10

UniProt Synonym Protein Names	Homeobox protein Hox-3.6
Protein Family	Homeobox protein
UniProt Gene Name	Hoxc10
UniProt Synonym Gene Names	Hox-3.6; Hoxc-10
UniProt Entry Name	HXC10_MOUSE
NCBI Protein Information	homeobox protein Hox-C10
UniProt Comments for Hoxc10	HOXC10: Sequence-specific transcription factor which is part of a developmental regulatory system that provides cells with specific positional identities on the anterior-posterior axis. Belongs to the Abd-B homeobox family. Protein type: DNA-binding Cellular Component: nucleoplasm; nucleus; cyclin-dependent protein kinase activating kinase holoenzyme complex Molecular Function: DNA binding; sequence-specific DNA binding Biological Process: anterior/posterior pattern formation; transcription, DNA-dependent; regulation of transcription, DNA-dependent; neuromuscular process; multicellular organismal development; spinal cord motor neuron cell fate specification; skeletal development; proximal/distal pattern formation; embryonic limb morphogenesis
Research Articles on Hoxc10	**1.** regulates vertebral identity at the transition from thoracic to lumbar and lumbar to sacral regions
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

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