10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

HOXC10 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP20089b

Specification

HOXC10 Antibody (C-term) - Product Information

Application	**IF, WB,E**
Primary Accession	Q9NYD6
Other Accession	P31257, NP_059105.2
Reactivity	**Human**
Predicted	**Mouse**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**38073**
Antigen Region	**224-250**

HOXC10 Antibody (C-term) - Additional Information

Gene ID 3226

Other Names
Homeobox protein Hox-C10, Homeobox protein Hox-3I, HOXC10, HOX3I

Target/Specificity
This HOXC10 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 224-250 amino acids from the C-terminal region of human HOXC10.

Dilution
IF~~1:10~50
WB~~1:1000

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
HOXC10 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

HOXC10 Antibody (C-term) - Protein Information

Name HOXC10

Synonyms HOX3I

Function Sequence-specific transcription factor which is part of a developmental regulatory system that provides cells with specific positional identities on the anterior-posterior axis.

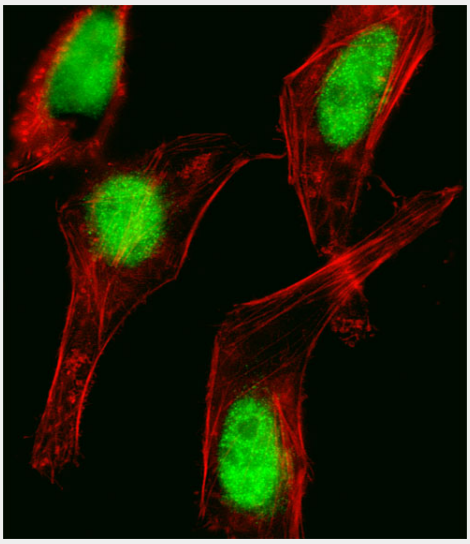
Cellular Location
Nucleus.

HOXC10 Antibody (C-term) - Protocols

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

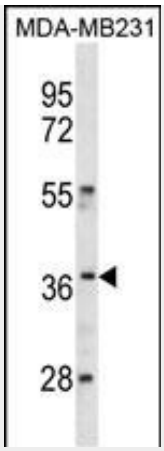
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

HOXC10 Antibody (C-term) - Images



Fluorescent image of Hela cell stained with HOXC10 Antibody (C-term)(Cat#AP20089b).Hela cells were fixed with 4% PFA (20 min), permeabilized with Triton X-100 (0.1%, 10 min), then incubated with HOXC10 primary antibody (1:25, 1 h at 37℃). For secondary antibody, Alexa Fluor® 488 conjugated donkey anti-rabbit antibody (green) was used (1:400, 50 min at 37℃).Cytoplasmic actin was counterstained with Alexa Fluor® 555 (red) conjugated Phalloidin (7units/ml, 1 h at 37℃).HOXC10 immunoreactivity is localized to Nucleus significantly.

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HOXC10 Antibody (C-term) (Cat. #AP20089b) western blot analysis in MDA-MB231 cell line lysates (35ug/lane).This demonstrates the HOXC10 antibody detected the HOXC10 protein (arrow).

HOXC10 Antibody (C-term) - Background

This gene belongs to the homeobox family of genes. The homeobox genes encode a highly conserved family of transcription factors that play an important role in morphogenesis in all multicellular organisms. Mammals possess four similar homeobox gene clusters, HOXA, HOXB, HOXC and HOXD, which are located on different chromosomes and consist of 9 to 11 genes arranged in tandem. This gene is one of several homeobox HOXC genes located in a cluster on chromosome 12. The protein level is controlled during cell differentiation and proliferation, which may indicate this protein has a role in origin activation.

HOXC10 Antibody (C-term) - References

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