

Rabbit anti-Human HOXC10 Polyclonal Antibody | anti-HOXC10 antibody

HOXC10 Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289671	Rabbit	Human	Immunofluorescence, ELISA, Western Blot

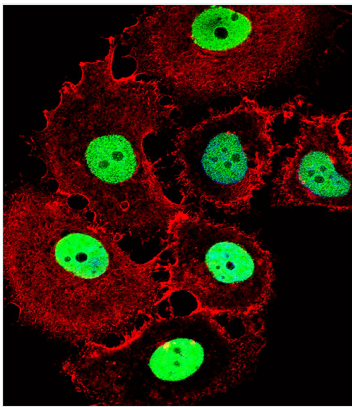
PRODUCT SYNONYMS

HOXC10; Polyclonal Antibody; HOXC10 Antibody (Center); Homeobox protein Hox-C10; Homeobox protein Hox-3I; HOX3I; anti-HOXC10 antibody

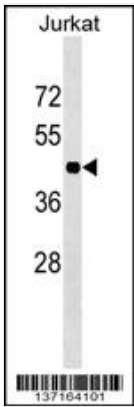
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This HOXC10 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 152-179 amino acids from the Central region of human HOXC10.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
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.
Concentration	Vial Concentration: 0.45 (varies by lot)
Sequence Positions	152-179
Sequence Length	342
Applicable Applications for anti-HOXC10 antibody	IF (Immunofluorescence), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
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.

IMAGES



IF (Immunofluorescence)
Fluorescent confocal image of MCF-7 cell stained with HOXC10 Antibody (Center). MCF-7 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 degree). For secondary antibody, Alexa Fluor 488 conjugated donkey anti-rabbit antibody (green) was used (1:400, 50 min at 37 degree).Cytoplasmic actin was counterstained with Alexa Fluor 555 (red) conjugated Phalloidin (7units/ml, 1 h at 37 degree). Nuclei were counterstained with DAPI (blue) (10 ug/ml, 10 min). HOXC10 immunoreactivity is localized to Nucleus significantly.



WB (Western Blot)
HOXC10 Antibody (Center) western blot analysis in Jurkat cell line lysates (35ug/lane).This demonstrates the HOXC10 antibody detected the HOXC10 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-HOXC10 antibody	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.
References	Hwang, J.H., et al. Cloning Stem Cells 11(2):269-279(2009) Zhai, Y., et al. Cancer Res. 67(21):10163-10172(2007) Gabellini, D., et al. EMBO J. 22(14):3715-3724(2003) Kosaki, K., et al. Teratology 65(2):50-62(2002) Sandrock, B., et al. J. Biol. Chem. 276(38):35328-35333(2001)

NCBI AND UNIPROT INFORMATION

NCBI GI #	24497533
NCBI GeneID	3226
NCBI Accession #	NP_059105.2
NCBI GenBank Nucleotide #	NM_017409.3
UniProt Accession #	Q9NYD6; O15219; O15220; Q9BVD5
Molecular Weight	38073
NCBI Official Full Name	homeobox protein Hox-C10
NCBI Official Synonym Full Names	homeobox C10
NCBI Official Symbol	HOXC10
NCBI Official Synonym Symbols	HOX3I

NCBI Protein Information	homeobox protein Hox-C10
UniProt Protein Name	Homeobox protein Hox-C10
UniProt Gene Name	HOXC10
UniProt Synonym Gene Names	HOX3I
UniProt Entry Name	HXC10_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/hoxc10-antibody-immunofluorescence-western-blot-elisa/289671>