

## ARG42185 anti-HOXC10 antibody

Package: 50 µg  
Store at: -20°C

### Summary

Product Description	Goat Polyclonal antibody recognizes HOXC10
Tested Reactivity	Hu
Predict Reactivity	Cow, Pig
Tested Application	IHC-P, WB
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	HOXC10
Species	Human
Immunogen	Synthetic peptide around the internal region of Human HOXC10. (C-EQRASLNPRAEHLE) (NP_059105.2)
Conjugation	Un-conjugated
Alternate Names	HOX3I; Homeobox protein Hox-3I; Homeobox protein Hox-C10

### Application Instructions

Application table	Application	Dilution
	IHC-P	5 µg/ml
	WB	1 - 3 µg/ml
Application Note	WB: Recommend incubate at RT for 1h. IHC-P: Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	HepG2	
Observed Size	~ 36 kDa	

### Properties

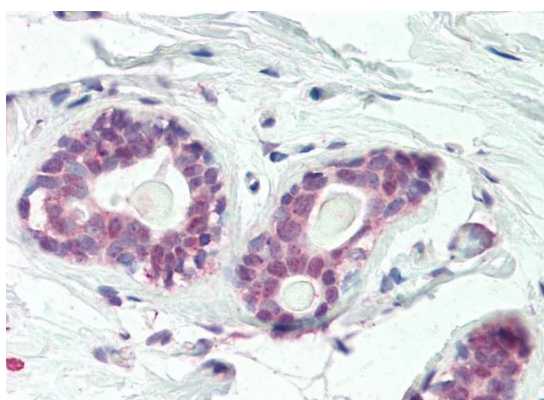
Form	Liquid
Purification	Affinity purified
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml

Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

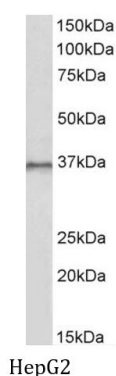
Gene Symbol	HOXC10
Gene Full Name	homeobox C10
Background	This gene belongs to the homeobox family of genes. The homeobox genes encode a highly conserved family of transcription factors that play an important role in morphogenesis in all multicellular organisms. Mammals possess four similar homeobox 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. [provided by RefSeq, Jul 2008]
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. [UniProt]
Calculated Mw	38 kDa
Cellular Localization	Nucleus. [UniProt]

## Images



ARG42185 anti-HOXC10 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human breast tissue. Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). The tissue section was stained with ARG42185 anti-HOXC10 antibody at 5 µg/ml dilution followed by AP-staining.



ARG42185 anti-HOXC10 antibody WB image

Western blot: 35 µg of HepG2 cell lysate (in RIPA buffer) stained with ARG42185 anti-HOXC10 antibody at 1 µg/ml dilution and incubated at RT for 1 hour.