

## ARG42152 anti-HOXC8 antibody

Package: 50 µl  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes HOXC8
Tested Reactivity	Hu, Ms
Predict Reactivity	Cow, Rat, Dog, Hrs, Rb, Sheep, Zfish
Tested Application	ICC/IF, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	HOXC8
Species	Human
Immunogen	Synthetic peptide around the N-terminal region of Human HOXC8. (within the following region: SHALV YGPGG SAPGF QHASH HVQDF FHHGT SGISN SGYQQ NPCSL SCHGD)
Conjugation	Un-conjugated
Alternate Names	HOX3; HOX3A; Homeobox protein Hox-C8; Homeobox protein Hox-3A

### Application Instructions

Predict Reactivity Note	Predicted Homology Based on Immunogen Sequence: Cow: 100%; Dog: 100%; Horse: 100%; Rabbit: 100%; Rat: 100%; Sheep: 100%; Zebrafish: 77%								
Application table	<table> <tr> <th>Application</th><th>Dilution</th></tr> <tr> <td>ICC/IF</td><td>Assay-dependent</td></tr> <tr> <td>IHC-P</td><td>5 µg/ml</td></tr> <tr> <td>WB</td><td>1 µg/ml</td></tr> </table>	Application	Dilution	ICC/IF	Assay-dependent	IHC-P	5 µg/ml	WB	1 µg/ml
Application	Dilution								
ICC/IF	Assay-dependent								
IHC-P	5 µg/ml								
WB	1 µg/ml								
Application Note	IHC-P: Antigen Retrieval: Heat mediation was performed. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.								
Positive Control	Human fetal muscle								
Observed Size	~ 32 kDa								

### Properties

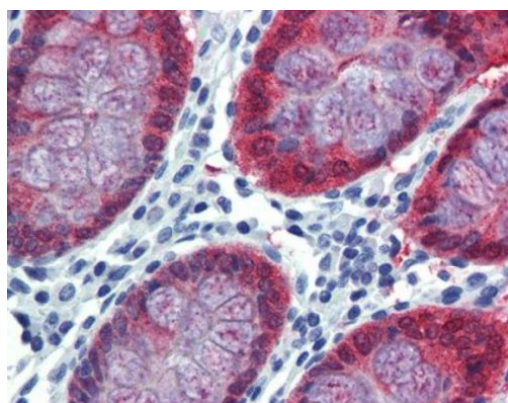
Form	Liquid
Purification	Affinity purified.
Buffer	PBS, 0.09% (w/v) Sodium azide and 2% Sucrose.
Preservative	0.09% (w/v) Sodium azide

Stabilizer	2% Sucrose
Concentration	Batch dependent: 0.5 - 1 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

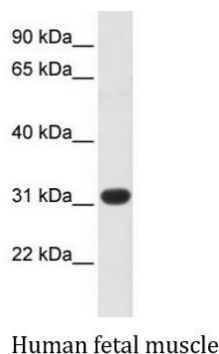
Gene Symbol	HOXC8
Gene Full Name	homeobox C8
Background	This gene belongs to the homeobox family of genes. The homeobox genes encode a highly conserved family of transcription factors that play an important role in morphogenesis in all multicellular organisms. Mammals possess four similar homeobox gene 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 product of this gene may play a role in the regulation of cartilage differentiation. It could also be involved in chondrodysplasias or other cartilage disorders. [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	28 kDa
Cellular Localization	Nucleus. [UniProt]

## Images



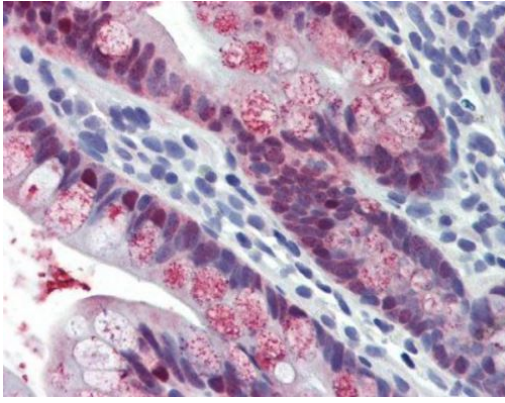
ARG42152 anti-HOXC8 antibody IHC-P image

Immunohistochemistry: Formalin-fixed and paraffin-embedded Human colon tissue. Antigen Retrieval: Heat mediation was performed. The tissue section was stained with ARG42152 anti-HOXC8 antibody at 5 µg/ml dilution.



ARG42152 anti-HOXC8 antibody WB image

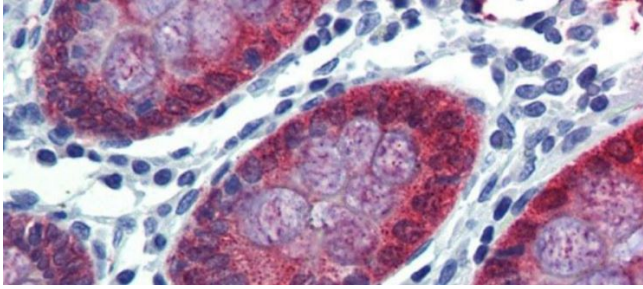
Western blot: Human fetal muscle lysate stained with ARG42152 anti-HOXC8 antibody at 1 µg/ml dilution.



ARG42152 anti-HOXC8 antibody IHC-P image

Immunohistochemistry: Formalin-fixed and paraffin-embedded Human small intestine tissue. Antigen Retrieval: Heat mediation was performed. The tissue section was stained with ARG42152 anti-HOXC8 antibody at 5 µg/ml dilution.

---



ARG42152 anti-HOXC8 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human colon tissue stained with ARG42152 anti-HOXC8 antibody at 5 µg/ml dilution.

---