

Rabbit HOXC8 Polyclonal Antibody | anti-HOXC8 antibody

HOXC8 antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA198504	Rabbit	Cow, Dog, Horse, Human, Mouse, Rabbit, Rat, Sheep, Zebrafish	Western Blot, Immunohistochemistry

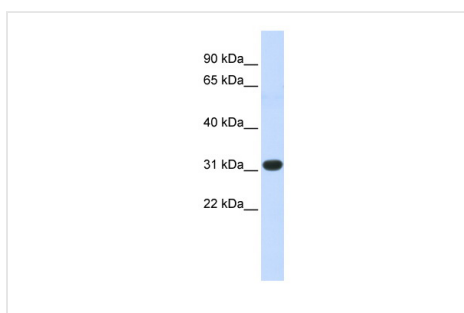
PRODUCT SYNONYMS

HOXC8; Polyclonal Antibody; HOXC8 antibody - N-terminal region; anti-HOXC8 antibody

PRODUCT SPECIFICATIONS

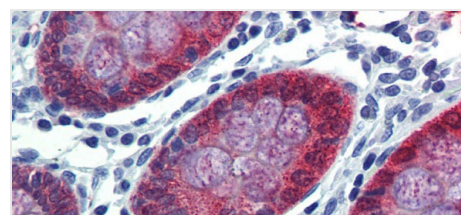
Host	Rabbit
Reactivity	Cow, Dog, Horse, Human, Mouse, Rabbit, Rat, Sheep, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: SH ALVYGPGGSA PGFQHASHHV QDFFHHGTSG ISNSGYQQNP CSLSCHGD
Sequence Length	242
Applicable Applications for anti-HOXC8 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 100%; Dog: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Sheep: 100%; Zebrafish: 77%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human HOXC8
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



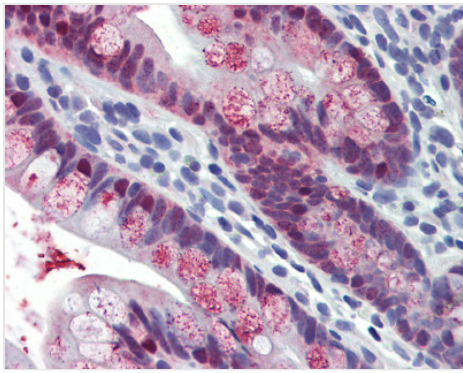
WB (Western Blot)

WB Suggested Anti-HOXC8 Antibody Titration: 1 ug/ml Positive Control: Fetal Muscle cell lysate



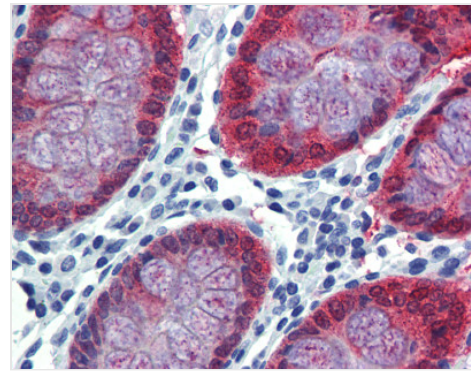
IHC (Immunohistochemistry)

Rabbit Anti-HOXC8 Antibody Paraffin Embedded Tissue: Human Colon Antibody Concentration: 5 ug/ml



IHC (Immunohistochemistry)

Sample Type: Human small intestine Anti-HOXC8 antibody IHC staining of human small intestine. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml.



IHC (Immunohistochemistry)

Sample Type: Human Colon Anti-HOXC8 antibody IHC staining of human colon. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-HOXC8 antibody	This is a rabbit polyclonal antibody against HOXC8. It was validated on Western Blot using a cell lysate as a positive control.
	Target Description: 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. 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. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications. PRIMARYREFSEQ_SPAN PRIMARY_IDENTIFIER PRIMARY_SPAN COMP 1-935 BC053898.1 1-935 936-1866 BC053898.1 937-1867 1867-2290 BU618342.1 3-426 c
Product Categories/Family for anti-HOXC8 antibody	Polyclonal ; Transcription Factor ; Signal Proteins ; Lymphocyte Signaling ; Membrane Protein ; Transcription Regulation ; Developmental Biology ; Immunohistochemistry ; Receptors ; Transcription Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	12056969
NCBI GeneID	3224
NCBI Accession #	NP_073149
NCBI GenBank Nucleotide #	NM_022658
UniProt Accession #	P31273
Molecular Weight	28kDa
NCBI Official Full Name	homeobox protein Hox-C8
NCBI Official Synonym Full Names	homeobox C8
NCBI Official Symbol	HOXC8
NCBI Official Synonym Symbols	HOX3; HOX3A
NCBI Protein Information	homeobox protein Hox-C8

UniProt Protein Name	Homeobox protein Hox-C8
UniProt Gene Name	HOXC8
UniProt Synonym Gene Names	HOX3A
UniProt Entry Name	HXC8_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://stage.aaabiotech.com/polyclonal/hoxc8-antibody-western-blot-immunohistochemistry-elisa/198504>