

Rabbit HOXA5 Polyclonal Antibody | anti-HOXA5 antibody

HOXA5 antibody - middle region

CATALOG # AAA197173	HOST Rabbit	REACTIVITY Cow, Dog, Horse, Human, Mouse, Pig, Rabbit, Rat	APPLICATIONS Western Blot, Immunohistochemistry
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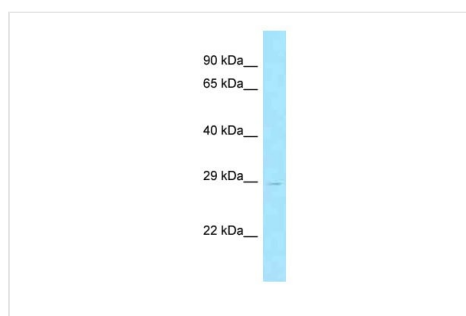
PRODUCT SYNONYMS

HOXA5; Polyclonal Antibody; HOXA5 antibody - middle region; anti-HOXA5 antibody

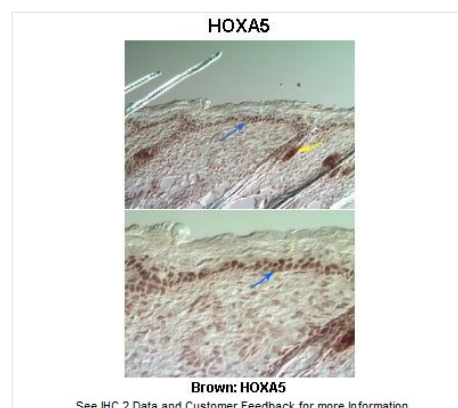
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Horse, Human, Mouse, Pig, Rabbit, Rat
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: VG TASGAEDAP ASSEQASAQS EPSPAPPAQP QIYPWMRKLH ISHDNIGG
Sequence Length	270
Applicable Applications for anti-HOXA5 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 100%; Dog: 100%; Horse: 100%; Human: 100%; Mouse: 93%; Pig: 100%; Rabbit: 100%; Rat: 93%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human HOXA5
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.

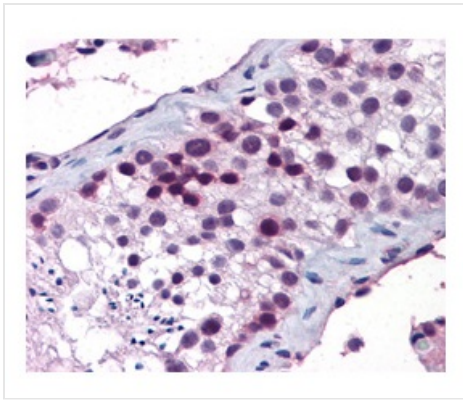
IMAGES


WB (Western Blot)

WB Suggested Anti-HOXA5 Antibody Titration: 0.2-1 ug/ml Positive Control: 721_B cell lysate


IHC (Immunohistochemistry)

Sample Type : Mouse dorsal skin - 5d postnatal Primary Antibody Dilution : 1:200 Secondary Antibody : Anti-rabbit-HRP Secondary Antibody Dilution : 1:500 Color/Signal Descriptions : Brown: HOXA5 Gene Name : HOXA5 Submitted by : Alexander Awgulewitsch, Ph.D. Associate Professor - Dept. of Medicine Director - MUSC Transgenic Mouse Core Medical University of South Carolina (MUSC) 96 Jonathan Lucas St. / Suite 912 CSB Charleston, SC 29425



IHC (Immunohistochemistry)
Human kidney

ADDITIONAL INFORMATION

Related Product Information for anti-HOXA5 antibody	This is a rabbit polyclonal antibody against HOXA5. It was validated on Western Blot Target Description: In vertebrates, the genes encoding the class of transcription factors called homeobox genes are found in clusters named A, B, C, and D on four separate chromosomes. Expression of these proteins is spatially and temporally regulated during embryonic development. This gene is part of the A cluster on chromosome 7 and encodes a DNA-binding transcription factor which may regulate gene expression, morphogenesis, and differentiation. Methylation of this gene may result in the loss of its expression and, since the encoded protein upregulates the tumor suppressor p53, this protein may play an important role in tumorigenesis.
Product Categories/Family for anti-HOXA5 antibody	Polyclonal; Transcription Factor; Transcription Regulation; Transcription Regulation; Cell Biology; Developmental Biology; Epigenetics; DNA/RNA/Protein Interactions; Meiosis/Mitosis/Cell Cycle; Immunohistochemistry; Transcription Factors; Cell Differentia

NCBI AND UNIPROT INFORMATION

NCBI GI #	24497517
NCBI GeneID	3202
NCBI Accession #	NP_061975
NCBI GenBank Nucleotide #	NM_019102
UniProt Accession #	Q6FG31; P20719
Molecular Weight	29kDa
NCBI Official Full Name	homeobox protein Hox-A5
NCBI Official Synonym Full Names	homeobox A5
NCBI Official Symbol	HOXA5
NCBI Official Synonym Symbols	HOX1; HOX1C; HOX1.3
NCBI Protein Information	homeobox protein Hox-A5

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.