

Rabbit HOXA5 Polyclonal Antibody | anti-HOXA5 antibody

HOXA5 antibody - C-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA198478	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish	Western Blot, Immunohistochemistry

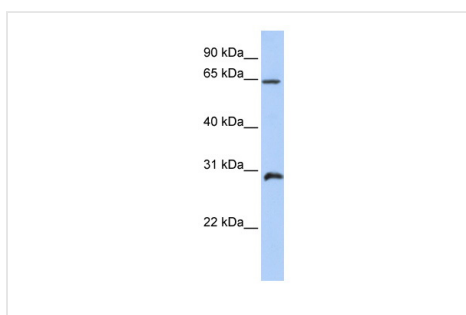
PRODUCT SYNONYMS

HOXA5; Polyclonal Antibody; HOXA5 antibody - C-terminal region; anti-HOXA5 antibody

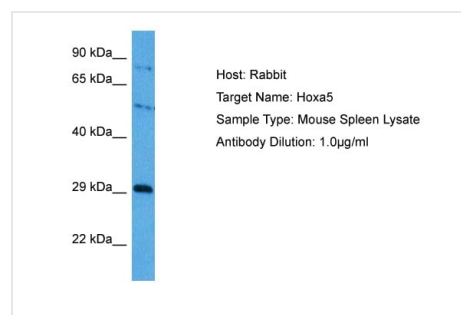
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, 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: FN RYLTRRRRIE IAHALCLSER QIKIWFQNRK MKWKDNLK SMSMAAG
Sequence Length	270
Applicable Applications for anti-HOXA5 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal 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.

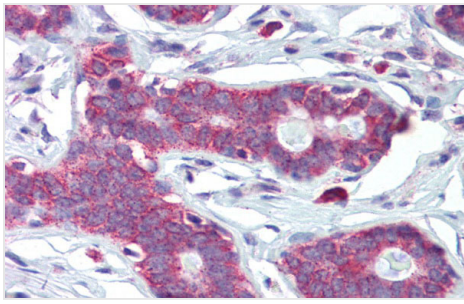
IMAGES


WB (Western Blot)

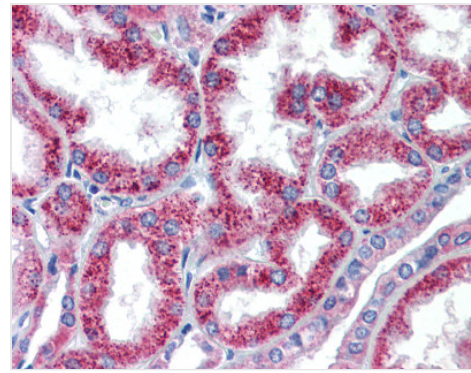
WB Suggested Anti-HOXA5 Antibody Titration: 1 ug/ml Positive Control: Placenta


WB (Western Blot)

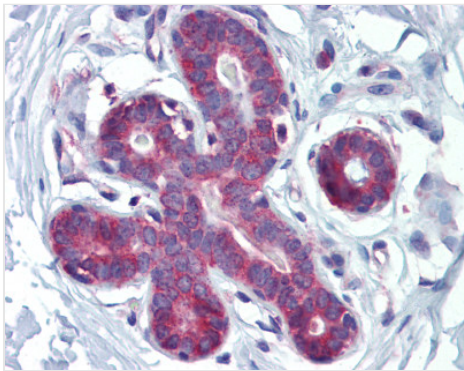
Host: Mouse Target Name: HOXA5 Sample Tissue: Mouse Spleen Antibody Dilution: 1ug/ml



IHC (Immunohistochemistry)
Rabbit Anti-HOXA5 AntibodyParaffin Embedded Tissue: Human BreastAntibody Concentration: 5 ug/ml



IHC (Immunohistochemistry)
Sample Type: Human KidneyAnti-HOXA5 antibody IHC staining of human kidney. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml.



IHC (Immunohistochemistry)
Sample Type: Human breastAnti-HOXA5 antibody IHC staining of human breast. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-HOXA5 antibody

This is a rabbit polyclonal antibody against HOXA5. It was validated on Western Blot using a cell lysate as a positive control.

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. HOXA5 is a DNA-binding transcription factor which may regulate gene expression, morphogenesis, and differentiation. Methylation of the gene encoding HOXA5 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. 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. **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.

Product Categories/Family for anti-HOXA5 antibody

[Polyclonal](#); [Signal Proteins](#); [Lymphocyte Signaling](#); [Membrane Protein](#); [Transcription Regulation](#); [Developmental Biology](#); [Immunohistochemistry](#); [Receptors](#); [Transcription Factors](#); [Cell Differentiation](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	24497517
NCBI GeneID	3202

NCBI Accession #	NP_061975
NCBI GenBank Nucleotide #	NM_019102
UniProt Accession #	A2D5Y4 ; P20719
Molecular Weight	30kDa
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
UniProt Protein Name	Homeobox protein Hox-A5
UniProt Gene Name	HOXA5

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/hoxa5-antibody-western-blot-immunohistochemistry-elisa/198478>