

Rabbit HOXA1 Polyclonal Antibody | anti-HOXA1 antibody

HOXA1 antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA197879	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat	Western Blot, Immunohistochemistry

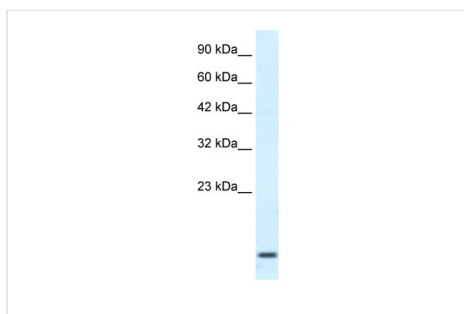
PRODUCT SYNONYMS

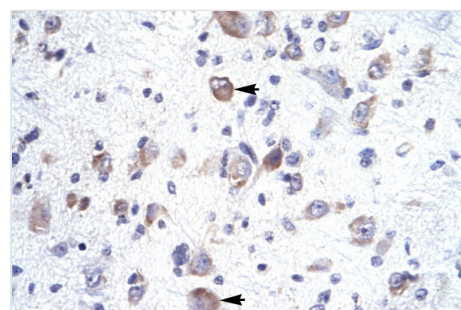
HOXA1; Polyclonal Antibody; HOXA1 antibody - middle region; anti-HOXA1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Protein A 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: NL GVSYSHSSCG PSYGSQNFSA PYSYPALNQE ADPPRSLSLP RIGDIFSS
Sequence Length	132
Applicable Applications for anti-HOXA1 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 92%; Dog: 92%; Guinea Pig: 92%; Horse: 93%; Human: 100%; Mouse: 86%; Rabbit: 92%; Rat: 92%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human HOXA1
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-HOXA1 Antibody Titration: 2.5ug/ml
ELISA Titer: 1:62500
Positive Control: Jurkat cell lysate

IHC (Immunohistochemistry)

Human Brain

ADDITIONAL INFORMATION

Related Product Information for anti-HOXA1 antibody	This is a rabbit polyclonal antibody against HOXA1. It was validated on Western Blot and immunohistochemistry 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. HOXA1 is part of the A cluster on chromosome 7 and encodes a DNA-binding transcription factor which may regulate gene expression, morphogenesis, and differentiation. The encoded protein may be involved in the placement of hindbrain segments in the proper location along the anterior-posterior axis during development.
Product Categories/Family for anti-HOXA1 antibody	Polyclonal; Transcription Factor; Transcription Regulation; Transcription Regulation; Developmental Biology; Stem Cells; DNA/RNA/Protein Interactions; Immunohistochemistry; Cell Structure; Transcription Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	84697022
NCBI GeneID	3198
NCBI Accession #	NP_705873
NCBI GenBank Nucleotide #	NM_153620
UniProt Accession #	P49639
Molecular Weight	14kDa
NCBI Official Full Name	homeobox protein Hox-A1 isoform b
NCBI Official Synonym Full Names	homeobox A1
NCBI Official Symbol	HOXA1
NCBI Official Synonym Symbols	BSAS; HOX1; HOX1F
NCBI Protein Information	homeobox protein Hox-A1
UniProt Protein Name	Homeobox protein Hox-A1
UniProt Gene Name	HOXA1
UniProt Synonym Gene Names	HOX1F
UniProt Entry Name	HXA1_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/hoxa1-antibody-western-blot-immunohistochemistry-elisa/197879>