

Rabbit HOXB7 Polyclonal Antibody | anti-HOXB7 antibody

HOXB7 antibody - C-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA197799	Rabbit	Cow, Dog, Horse, Human, Mouse, Rat	Western Blot, Immunofluorescence

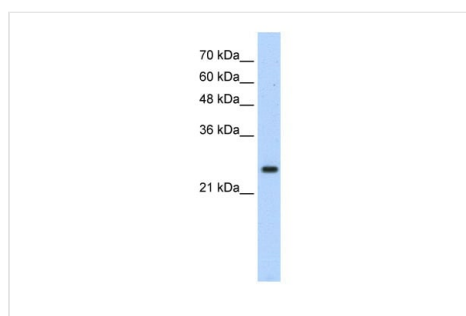
PRODUCT SYNONYMS

HOXB7; Polyclonal Antibody; HOXB7 antibody - C-terminal region; anti-HOXB7 antibody

PRODUCT SPECIFICATIONS

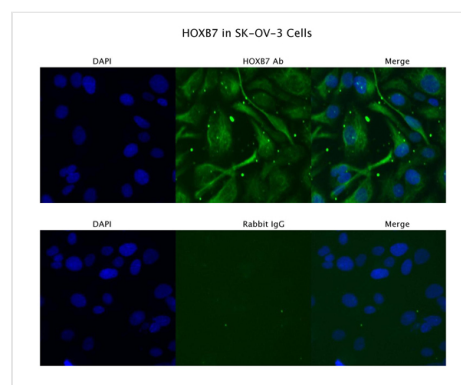
Host	Rabbit
Reactivity	Cow, Dog, Horse, Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Protein A purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide located within the following region: IEIAHTLCLTERQIKIWFQNRRMKWKKENKTA GPGTTGQDRAEAEAEAEAE
Sequence Length	217
Applicable Applications for anti-HOXB7 antibody	WB (Western Blot), IF (Immunofluorescence)
Homology	Cow: 100%; Dog: 77%; Horse: 79%; Human: 100%; Mouse: 92%; Rat: 85%
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human HOXB7
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

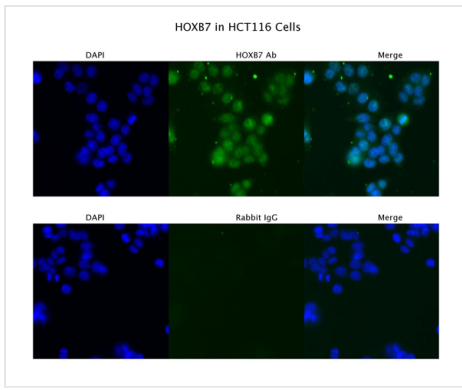

WB (Western Blot)

WB Suggested Anti-HOXB7 Antibody Titration: 1.25ug/ml ELISA Titer: 1:62500 Positive

Control: Transfected 293T


IF (Immunofluorescence)

Sample Type : SKOV3 Primary Antibody Dilution: 4 ug/ml Secondary Antibody : Anti-rabbit Alexa 546 Secondary Antibody Dilution: 2 ug/ml Gene Name : HOXB7



IF (Immunofluorescence)
 Sample Type :HCT116Primary Antibody Dilution:4 ug/mlSecondary Antibody :Anti-rabbit Alexa 546Secondary Antibody Dilution:2 ug/mlGene Name :HOXB7

ADDITIONAL INFORMATION

Related Product Information for anti-HOXB7 antibody	This is a rabbit polyclonal antibody against HOXB7. It was validated on Western Blot using a cell lysate as a positive control. Target Description: HOXB7 belongs to the homeobox family. 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, HOXBThis gene is a member of the Antp homeobox family and encodes a protein with a homeobox DNA-binding domain. It is included in a cluster of homeobox B genes located on chromosome 17. The encoded nuclear protein functions as a sequence-specific transcription factor that is involved in cell proliferation and differentiation. Increased expression of this gene is associated with some cases of melanoma and ovarian carcinoma.
Product Categories/Family for anti-HOXB7 antibody	Polyclonal; Transcription Factor; Transcription Regulation; Transcription Regulation; Chromatin & Nuclear Signaling; Disease Related; DNA/RNA/Protein Interactions; Transcription Factors; Cell Differentiation

NCBI AND UNIPROT INFORMATION

NCBI GI #	85068580
NCBI GeneID	3217
NCBI Accession #	NP_004493
NCBI GenBank Nucleotide #	NM_004502
UniProt Accession #	P09629
Molecular Weight	24kDa
NCBI Official Full Name	homeobox protein Hox-B7
NCBI Official Synonym Full Names	homeobox B7
NCBI Official Symbol	HOXB7
NCBI Official Synonym Symbols	HOX2; HOX2C; HHO.C1; Hox-2.3
NCBI Protein Information	homeobox protein Hox-B7
UniProt Protein Name	Homeobox protein Hox-B7
UniProt Gene Name	HOXB7
UniProt Synonym Gene Names	HOX2C
UniProt Entry Name	HXB7_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/hoxb7-antibody-western-blot-immunofluorescence-elisa/197799>