

Rabbit anti-Human, Mouse HOXA11 Polyclonal Antibody | anti-HOXA11 antibody

HOXA11 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA306276	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

HOXA11; Polyclonal Antibody; HOXA11 Antibody; homeobox A11; HOX1; HOX1I; anti-HOXA11 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total HOXA11 protein.
Form/Format	Supplied at 0.5mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.3, 0.05% sodium azide and 50% glycerol.
Sequence Length	313
Applicable Applications for anti-HOXA11 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Type	Peptide-KLH
Immunogen Description	Synthetic peptide corresponding to a region derived from 144-159 amino acids of Human homeobox A11
Target Name	HOXA11
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



IHC (Immunohistochemistry)

The image on the left is immunohistochemistry of paraffin-embedded Human gastric cancer tissue using 31221 (HOXA11 Antibody) at dilution 1/10, on the right is treated with the synthetic peptide.



Application Data

Gel: 10%SDS-PAGE Lysate: 40 ug Hela cell lysate Primary antibody: 1/250 dilution Secondary antibody: Goat anti Rabbit IgG - H&L (HRP) at 1/10000 dilution Exposure time: 5 minutes

ADDITIONAL INFORMATION

Related Product Information for anti-HOXA11 antibody	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. This gene is involved in the regulation of uterine development and is required for female fertility. Mutations in this gene can cause radio-ulnar synostosis with amegakaryocytic thrombocytopenia.
Product Categories/Family for anti-HOXA11 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	5031759
NCBI GeneID	3207
NCBI Accession #	NP_005514
NCBI GenBank Nucleotide #	NM_005523.5
Molecular Weight	34,486 Da
NCBI Official Full Name	homeobox protein Hox-A11
NCBI Official Synonym Full Names	homeobox A11
NCBI Official Symbol	HOXA11
NCBI Official Synonym Symbols	HOX1; HOX1I
NCBI Protein Information	homeobox protein Hox-A11
UniProt Protein Name	Homeobox protein Hox-A11
UniProt Gene Name	HOXA11
UniProt Synonym Gene Names	HOX1I
UniProt Entry Name	HXA11_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/hoxa11-antibody-immunohistochemistry-western-blot-elisa/306276>