

HOXA5 polyclonal antibody

Catalog # PAB7378

Size 100 ug

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of HOXA5.
Immunogen	A synthetic peptide corresponding to human HOXA5.
Sequence	C-DSHHGGKNSLSN
Host	Goat
Theoretical MW (kDa)	29.3
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.
Recommend Usage	ELISA (1:16000) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Enzyme-linked Immunoabsorbent Assay

Gene Info — HOXA5

Entrez GeneID [3202](#)

Protein Accession# [NP_061975.2](#)

Gene Name HOXA5

Gene Alias HOX1, HOX1.3, HOX1C, MGC9376

Gene Description homeobox A5

Omim ID [142952](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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. [provided by RefSeq]

Other Designations homeo box 1C|homeo box A5|homeobox protein HOXA5

Publication Reference

- [Leukaemic transformation by CALM-AF10 involves upregulation of Hoxa5 by hDOT1L.](#)

Okada Y, Jiang Q, Lemieux M, Jeannotte L, Su L, Zhang Y.

Nature Cell Biology 2006 Sep; 8(9):1017.

Disease

- [Clubfoot](#)