

## Product datasheet for **AP17479PU-N**

### HOXA5 (C-term) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	ELISA: 1/1,000. Western blotting: 1/50 - 1/100.
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide selected from the C-terminal region of human HOXA5
Specificity:	This antibody reacts to HOXA5.
Formulation:	PBS with 0.09% (W/V) sodium azide State: Liquid purified Ig
Concentration:	lot specific
Purification:	Saturated Ammonium Sulfate (SAS) precipitation
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	homeobox A5
Database Link:	<a href="#">Entrez Gene 15402 Mouse</a> <a href="#">Entrez Gene 3202 Human</a> <a href="#">P20719</a>
Background:	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 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.

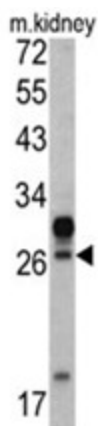


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Synonyms: Homeobox protein Hox-A5, Hox-1C

Protein Families: Transcription Factors

**Product images:**



Western blot analysis of HOXA5 antibody (C-term E211) in mouse kidney tissue lysates (35ug/lane). HOXA5 (arrow) was detected using the purified Pab.