

## Product datasheet for **AP52074PU-N**

### **HOXA13 (C-term) Rabbit Polyclonal Antibody**

#### **Product data:**

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	<b>ELISA:</b> 1/1000. <b>Western Blot:</b> 1/100-1/500.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 355-383 amino acids from the C-terminal region of Human HOXA13 / HOX1J
Specificity:	This antibody recognizes Human HOXA13 / HOX1J (C-term).
Formulation:	PBS containing 0.09% (W/V) Sodium Azide as preservative State: Aff - Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Protein A column, followed by peptide affinity purification
Conjugation:	Unconjugated
Storage:	Store 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 A13
Database Link:	<a href="#">Entrez Gene 3209 Human P31271</a>



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**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. 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. Expansion of a polyalanine tract in the encoded protein can cause hand-foot-uterus syndrome, also known as hand-foot-genital syndrome.

**Synonyms:**

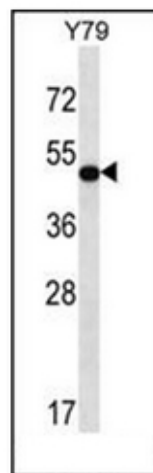
Homeobox protein Hox-A13, Hox-1J

**Note:**

**Molecular Weight:** 39727 Da

**Protein Families:**

Transcription Factors

**Product images:**

Western blot analysis of HOXA13 / HOX1J Antibody (C-term) in Y79 cell line lysates (35ug/lane). This demonstrates the HOXA13 antibody detected the HOXA13 protein (arrow).