



# Anti-HOXA13 (aa 208-306) polyclonal antibody (DPAB-DC1593)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Antigen Description</b>	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.
<b>Immunogen</b>	HOXA13 (NP_000513, 208 a.a. ~ 306 a.a) partial recombinant protein with GST tag. The sequence is  DKYMDTAGPAAEEFSSRAKEFAFYHQGYAAGPYHHQPMMPGYLDMPVVPGLGGPGESRHE PLGLPMESYQPWALPNGWNGQMYCPKEQAQPPHLWKSTL
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB (Cell lysate), ELISA,
<b>Size</b>	50 µl
<b>Buffer</b>	50 % glycerol
<b>Preservative</b>	None
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## GENE INFORMATION

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<b>Gene Name</b>	<a href="#">HOXA13 homeobox A13 [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	HOXA13
<b>Synonyms</b>	HOXA13; homeobox A13; HOX1; HOX1J; homeobox protein Hox-A13; homeo box 1J; homeo box A13; homeobox protein HOXA13; homeobox protein Hox-1J; transcription factor HOXA13;
<b>Entrez Gene ID</b>	<a href="#">3209</a>
<b>Protein Refseq</b>	<a href="#">NP_000513</a>
<b>UniProt ID</b>	<a href="#">P31271</a>
<b>Chromosome Location</b>	7p15.2
<b>Function</b>	DNA binding; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity; transcription regulatory region DNA binding

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