



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

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

GENE INFORMATION

Gene Name	HOXA13 homeobox A13 [Homo sapiens (human)]
Official Symbol	HOXA13
Synonyms	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;
Entrez Gene ID	3209
Protein Refseq	NP_000513
UniProt ID	P31271
Chromosome Location	7p15.2
Function	DNA binding; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity; transcription regulatory region DNA binding