



Anti-HOXC8 (aa 47-136) polyclonal antibody (DPAB-DC1599)

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

PRODUCT INFORMATION

Antigen Description	This gene belongs to the homeobox family of genes. The homeobox genes encode a highly conserved family of transcription factors that play an important role in morphogenesis in all multicellular organisms. Mammals possess four similar homeobox gene clusters, HOXA, HOXB, HOXC and HOXD, which are located on different chromosomes and consist of 9 to 11 genes arranged in tandem. This gene is one of several homeobox HOXC genes located in a cluster on chromosome 12. The product of this gene may play a role in the regulation of cartilage differentiation. It could also be involved in chondrodysplasias or other cartilage disorders.
Immunogen	HOXC8 (NP_073149, 47 a.a. ~ 136 a.a) partial recombinant protein with GST tag. The sequence is PGFQHASHHVQDFFHHGTSGISNSGYQQNPCSLSCHGDASKFYGYEALPRQSLYGAQQEA SVVQYPDCKSSANTNSSEGGQHLNQNSSPS
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), 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	HOXC8 homeobox C8 [Homo sapiens (human)]
Official Symbol	HOXC8
Synonyms	HOXC8; homeobox C8; HOX3; HOX3A; homeobox protein Hox-C8; homeo box 3A; homeo box C8; homeobox protein Hox-3A; Hox-3.1, mouse, homolog of;
Entrez Gene ID	3224
Protein Refseq	NP_073149
UniProt ID	P31273
Chromosome Location	12q13.3
Function	sequence-specific DNA binding transcription factor activity; transcription regulatory region sequence-specific DNA binding;