



# Anti-HOXA3 (aa 1-77) polyclonal antibody (DPAB-DC1587)

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. Three transcript variants encoding two different isoforms have been found for this gene.
<b>Immunogen</b>	HOXA3 (NP_705895, 1 a.a. ~ 77 a.a) partial recombinant protein with GST tag. The sequence is MQKATYYDSSAIYGGYPYQAANGFAYNANQQPYPASAAALGADGEYHRPACSLQSPSSAGG HPKAHELSEACLRTLSA
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB (Recombinant protein), 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

<b>Gene Name</b>	<a href="#">HOXA3 homeobox A3 [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	HOXA3
<b>Synonyms</b>	HOXA3; homeobox A3; HOX1; HOX1E; homeobox protein Hox-A3; homeo box 1E; homeo box A3; Hox-1.5-like protein; homeobox protein Hox-1E;
<b>Entrez Gene ID</b>	<a href="#">3200</a>
<b>Protein Refseq</b>	<a href="#">NP_109377</a>
<b>UniProt ID</b>	<a href="#">A0A024RA33</a>
<b>Chromosome Location</b>	7p15.2
<b>Function</b>	HMG box domain binding; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity;