



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

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. Three transcript variants encoding two different isoforms have been found for this gene.
Immunogen	HOXA3 (NP_705895, 1 a.a. ~ 77 a.a) partial recombinant protein with GST tag. The sequence is MQKATYYDSSAIYGGYPYQAANGFAYNANQQPYPASAALGADGEYHRPACSLQSPSSAGG HPKAHELSEACLRTLSA
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	HOXA3 homeobox A3 [Homo sapiens (human)]
Official Symbol	HOXA3
Synonyms	HOXA3; homeobox A3; HOX1; HOX1E; homeobox protein Hox-A3; homeo box A3; Hox-1.5-like protein; homeobox protein Hox-1E;
Entrez Gene ID	3200
Protein Refseq	NP_109377
UniProt ID	A0A024RA33
Chromosome Location	7p15.2
Function	HMG box domain binding; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity;
