



Anti-HOXB8 (aa 16-114) polyclonal antibody (DPAB-DC1596)

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

PRODUCT INFORMATION

Antigen Description	This gene is a member of the Antp homeobox family and encodes a nuclear protein with a homeobox DNA-binding domain. It is included in a cluster of homeobox B genes located on chromosome 17. The encoded protein functions as a sequence-specific transcription factor that is involved in development. Increased expression of this gene is associated with colorectal cancer. Mice that have had the murine ortholog of this gene knocked out exhibit an excessive pathologic grooming behavior. This behavior is similar to the behavior of humans suffering from the obsessive-compulsive spectrum disorder trichotillomania.
Immunogen	HOXB8 (NP_076921, 16 a.a. ~ 114 a.a) partial recombinant protein with GST tag. The sequence is GESLRPNYYDCGFAQDLGGRPTVVYGPSSGGSFQHPHSQIQEFYHGPSSLSTAPYQQNPCA VACHGDPGNFYGYDPLQRQSLFGAQDPDLVQYADCKLAA
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	HOXB8 homeobox B8 [Homo sapiens (human)]
Official Symbol	HOXB8
Synonyms	HOXB8; homeobox B8; HOX2; HOX2D; Hox-2.4; homeobox protein Hox-B8; homeo box 2D; homeo box B8; homeobox protein Hox-2D; homeobox protein Hox-2.4;
Entrez Gene ID	3218
Protein Refseq	NP_076921
UniProt ID	P17481
Chromosome Location	17q21.3
Function	sequence-specific DNA binding transcription factor activity; transcription regulatory region sequence-specific DNA binding;