

MaxPab®

# HOXB8 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00003218-B01P

Size 500 ug

## Specification

Product Description	Mouse polyclonal antibody raised against a full-length human HOXB8 protein.
Immunogen	HOXB8 (AA141561.1, 1 a.a. ~ 243 a.a) full-length human protein.
Sequence	MSSYFVNSLFSKYKTGESLRPNYYDCGFAQDLGGRPTVVYGPSSGGSFQHPSQIQEFYHGPSSL STAPYQQNPCAVACHGDPGNFYGYDPLQRQSLFGAQDPDLVQYADCKLAAASGLGEEAEGSE QSPSPTQLFPWMPQAAAAGRRRGRQTYSRYQTLELEKEFLFNPYLTRKRRIEVSHALGLTERQVKI WFQNRMRMKWKKENNKDKFPSSKCEQEELEKQKLERAPEAADEGDAQKGDKK
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (98); Rat (98)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

## Gene Info — HOXB8

Entrez GeneID

[3218](#)

GeneBank Accession#	<a href="#">BC141560.1</a>
Protein Accession#	<a href="#">AA41561.1</a>
Gene Name	HOXB8
Gene Alias	HOX2, HOX2D, Hox-2.4
Gene Description	homeobox B8
Omim ID	<a href="#">142963</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	<p>This gene is a member of the Antp homeobox family and encodes a nuclear protein with a homeo box 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. [provided by RefSeq]</p>
Other Designations	homeo box 2D homeo box B8