



# Anti-DMBX1 monoclonal antibody (DCABH-11295)

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

## PRODUCT INFORMATION

<b>Antigen Description</b>	This gene encodes a member of the bicoid sub-family of homeodomain-containing transcription factors. The encoded protein acts as a transcription factor and may play a role in brain and sensory organ development. Two transcript variants encoding distinct isoforms have been identified for this gene.
<b>Immunogen</b>	A synthetic peptide of human DMBX1 is used for rabbit immunization.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human
<b>Purification</b>	Protein A
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	Western Blot (Transfected lysate); ELISA
<b>Buffer</b>	In 1x PBS, pH 7.4
<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="#">DMBX1 diencephalon/mesencephalon homeobox 1 [ Homo sapiens ]</a>
<b>Official Symbol</b>	DMBX1
<b>Synonyms</b>	DMBX1; diencephalon/mesencephalon homeobox 1; orthodenticle homolog 3 (Drosophila) , OTX3; diencephalon/mesencephalon homeobox protein 1; PAXB; homeoprotein MBX; orthodenticle homolog 3; paired-like homeobox protein DMBX1; MBX; OTX3;
<b>Entrez Gene ID</b>	<a href="#">127343</a>
<b>Protein Refseq</b>	<a href="#">NP_671725</a>
<b>UniProt ID</b>	<a href="#">Q8NFW5</a>
<b>Chromosome Location</b>	1p34.1
<b>Function</b>	DNA binding; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity;