

Anti-DMBX1 (aa 176-225) polyclonal antibody (DPABH-28386)

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

PRODUCT INFORMATION

Antigen Description	Functions as a transcriptional repressor. May repress OTX2-mediated transactivation by forming a heterodimer with OTX2 on the P3C (5-TAATCCGATTA-3) sequence. Required for brain development.
Immunogen	Synthetic peptide corresponding to a region within internal sequence amino acids 176-225 (LSLSEQSASE SAPEDQLDRE EDSRAEEPKA EKSPGSESKV PGCKRGSPKA) of Mouse OTX3 (NP_001020738).
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Mouse
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	WB
Format	Liquid
Size	50 µg
Buffer	Constituents: 2% Sucrose, PBS
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.

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GENE INFORMATION

Gene Name	DMBX1 diencephalon/mesencephalon homeobox 2 [Mus musculus]
Official Symbol	DMBX1
Synonyms	DMBX1; diencephalon/mesencephalon homeobox 1; Atx; Mbx; Cdmx; Otx3; diencephalon/mesencephalon homeobox protein 1; homeobox gene Atx; orthodenticle homolog 3; paired-type homeobox Atx; paired-like homeobox protein DMBX1; diencephalon/mesencephalon-expressed brain homeobox gene 1 protein;
Entrez Gene ID	140477
Protein Refseq	NP_001020738.1
UniProt ID	Q91ZK4
Function	DNA binding; protein heterodimerization activity; protein homodimerization activity; sequence-specific DNA binding

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