

For Research Use Only

# DMBX1 Polyclonal antibody

Catalog Number: 33988-1-AP **1 Publications**



## Basic Information

<b>Catalog Number:</b> 33988-1-AP	<b>GenBank Accession Number:</b> BC156881	<b>Purification Method:</b> Antigen affinity Purification
<b>Size:</b> 150ul , Concentration: 470 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 127343	<b>Recommended Dilutions:</b> WB: 1:1000-1:6000
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q8NFW5	
<b>Isotype:</b> IgG	<b>Full Name:</b> diencephalon/mesencephalon homeobox 1	
<b>Immunogen Catalog Number:</b> AG41356	<b>Observed MW:</b> 41 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : HepG2 cells, HuH-7 cells, LO2 cells, SMMC-7721 cells
<b>Cited Applications:</b> WB	
<b>Species Specificity:</b> human	
<b>Cited Species:</b> human	

## Background Information

DMBX1 is a homeobox transcription factor with tightly regulated expression in the developing diencephalon and mesencephalon, where it governs neuronal differentiation and regional patterning. Acting through sequence-specific DNA binding, DMBX1 orchestrates developmental gene networks essential for central nervous system formation. Aberrant regulation of DMBX1 is associated with neurodevelopmental abnormalities and neural-derived cancers, underscoring its importance in neural lineage specification.

## Notable Publications

Author	Pubmed ID	Journal	Application
Kaijie Zhang	41634710	BMC Med Genomics	WB

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol, pH7.3  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

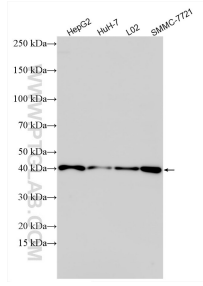
For technical support and original validation data for this product please contact:

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 33988-1-AP (DMBX1 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.