

For Research Use Only

DMBX1 Polyclonal antibody

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



Basic Information

Catalog Number: 33988-1-AP	GenBank Accession Number: BC156881	Purification Method: Antigen affinity Purification
Source: Rabbit	GeneID (NCBI): 127343	Recommended Dilutions: WB: 1:1000-1:6000
Isotype: IgG	UNIPROT ID: Q8NFW5	
Immunogen Catalog Number: AG41356	Full Name: diencephalon/mesencephalon homeobox 1	
	Observed MW: 41 kDa	

Applications

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

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

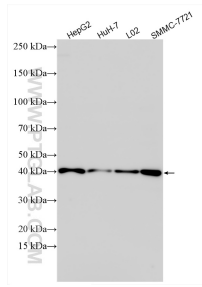
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Selected Validation Data



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.