

For Research Use Only

DMBX1 Polyclonal antibody, PBS Only

Catalog Number: 33988-1-PBS



Basic Information

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

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
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.

Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS only, pH7.3

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

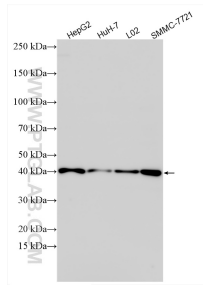
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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. This data was developed using the same antibody clone with 33988-1-PBS in a different storage buffer formulation.