

For Research Use Only

DMBX1 Polyclonal antibody, PBS Only

Catalog Number: 33988-1-PBS



Basic Information

Catalog Number:

33988-1-PBS

Size:

100ug, Concentration: 1 mg/ml by
Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG41356

GenBank Accession Number:

BC156881

GeneID (NCBI):

127343

UNIPROT ID:

Q8NFW5

Full Name:

diencephalon/mesencephalon
homeobox 1

Observed MW:

41 kDa

Purification Method:

Antigen affinity Purification

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.

Storage Buffer:

PBS only, pH7.3

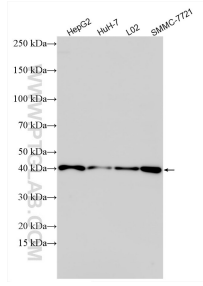
For technical support and original validation data for this product please contact:

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