

For Research Use Only

# DBX1 Polyclonal antibody

Catalog Number: 33935-1-AP



## Basic Information

<b>Catalog Number:</b> 33935-1-AP	<b>GenBank Accession Number:</b> NM_001029865	<b>Purification Method:</b> Antigen affinity Purification
<b>Size:</b> 150ul , Concentration: 470 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 120237	<b>Recommended Dilutions:</b> WB: 1:1000-1:4000
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> A6NMT0	
<b>Isotype:</b> IgG	<b>Full Name:</b> developing brain homeobox 1	
<b>Immunogen Catalog Number:</b> AG40954	<b>Calculated MW:</b> 343aa, 37 kDa	
	<b>Observed MW:</b> 40-45 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : A2780 cells, SH-SY5Y cells
<b>Species Specificity:</b> human	

## Background Information

DBX1 (Homeobox protein DBX1) is a central nervous system (CNS)-specific transcription factor that plays crucial roles in embryonic brain development. It belongs to the H2.0 homeobox family and contains a DNA-binding homeodomain, which allows it to regulate gene expression by binding to specific DNA sequences.

## 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

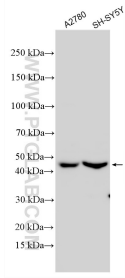
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 33935-1-AP (DBX1 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.