

For Research Use Only

# PBX3 Recombinant monoclonal antibody, PBS Only

Catalog Number: 86595-3-PBS



## Basic Information

<b>Catalog Number:</b> 86595-3-PBS	<b>GenBank Accession Number:</b> BC016977	<b>Purification Method:</b> Protein A purification
<b>Concentration:</b> 1000 µg/ml	<b>GeneID (NCBI):</b> 5090	<b>CloneNo.:</b> 251518A4
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P40426	
<b>Isotype:</b> IgG	<b>Full Name:</b> pre-B-cell leukemia homeobox 3	
<b>Immunogen Catalog Number:</b> AG3239	<b>Calculated MW:</b> 434 aa, 47 kDa	
	<b>Observed MW:</b> 47-50 kDa	

## Applications

**Tested Applications:**  
WB, Indirect ELISA

**Species Specificity:**  
human, mouse, rat

## Background Information

PBX3 is a homeodomain-containing transcription factor of the pre-B cell leukemia (PBX) family, members of which have extensive roles in early development and some adult processes. It plays crucial roles in embryonic development, organogenesis, and cell differentiation by regulating the expression of downstream target genes. Beyond its physiological functions, PBX3 is increasingly recognized for its significant involvement in oncogenesis. It is frequently overexpressed in various malignancies, including leukemias and solid tumors, where it promotes cell proliferation, inhibits apoptosis, enhances invasion and metastasis, and contributes to chemotherapy resistance.

## 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:

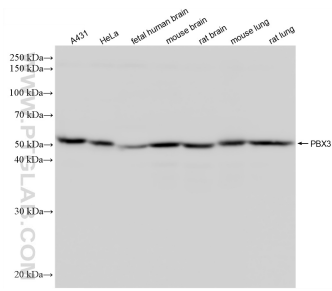
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

**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 86595-3-RR (PBX3 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86595-3-PBS in a different storage buffer formulation.