

For Research Use Only

PBX3 Recombinant monoclonal antibody

Catalog Number: 86595-3-RR



Basic Information

Catalog Number: 86595-3-RR	GenBank Accession Number: BC016977	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 5090	CloneNo.: 251518A4
Source: Rabbit	UNIPROT ID: P40426	Recommended Dilutions: WB: 1:5000-1:50000
Isotype: IgG	Full Name: pre-B-cell leukemia homeobox 3	
Immunogen Catalog Number: AG3239	Calculated MW: 434 aa, 47 kDa	
	Observed MW: 47-50 kDa	

Applications

Tested Applications:
WB, ELISA

Species Specificity:
human, mouse, rat

Positive Controls:

WB : A431 cells, HeLa cells, fetal human brain tissue, mouse brain tissue, rat brain tissue, mouse lung tissue, rat lung tissue

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 -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

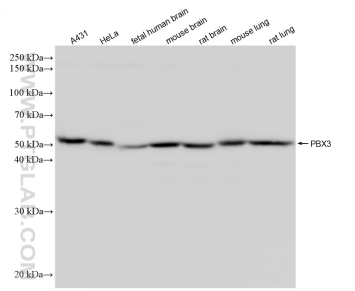
For technical support and original validation data for this product please contact:

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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 86595-3-RR (PBX3 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.