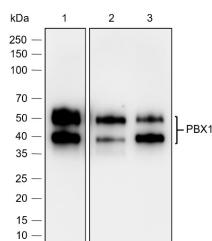


Recombinant PBX1 Monoclonal Antibody

catalog number: **AN302057L**

Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

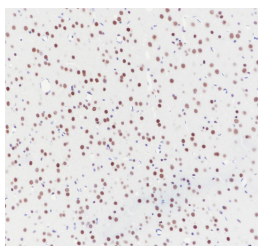
Description	
Reactivity	Human;Rat;Mouse
Immunogen	Peptide. This information is proprietary to PTMab.
Host	Rabbit
Isotype	IgG, κ
Clone	C121678
Purification	Protein A purified
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.
Applications	
WB	1:2000-1:5000
IHC	1:50-1:100
ChIP	6 μg/2×10 ⁶ cells
IP	1:50-1:100
Data	



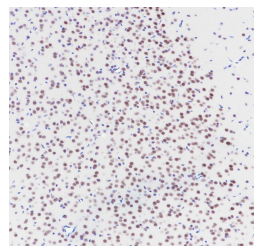
Western Blot with PBX1 Monoclonal Antibody at dilution of 1:5000. Lane 1: HeLa, Lane 2: A431, Lane 3: C2C12

Observed-MW: 38, 47 kDa

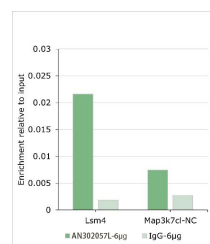
Calculated-MW: 38 kDa



Immunohistochemistry of paraffin-embedded Rat cerebrum using PBX1 Monoclonal Antibody at dilution of 1:100.



Immunohistochemistry of paraffin-embedded Mouse cerebrum using PBX1 Monoclonal Antibody at dilution of 1:100.



Chromatin immunoprecipitation analysis of C2C12 immunoprecipitated DNA by real-time PCR using primers specific for the human Lsm and Map3k7cl. The data are presented as enrichment of each sample relative to the total amount of input chromatin at each amplicon.

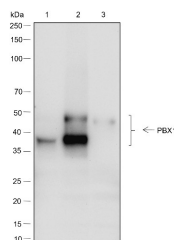
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Toll-free: 1-888-852-8623
Web: www.elabscience.com

Tel: 1-832-243-6086
Email: techsupport@elabscience.com

Fax: 1-832-243-6017

Rev. V1.2



Immunoprecipitation analysis using anti-PBX1

Monoclonal Antibody. Western blot was performed from the immunoprecipitate using PBX1 Monoclonal Antibody at a dilution of 1:100. Lane 1: 5% Input, Lane 2: PBX1 Monoclonal Antibody, Lane 3: Rabbit monoclonal IgG

Isotype

Observed-MW: 38, 47 kDa

Calculated-MW: 38 kDa

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

Background

PBX1, also named as Pre-B-cell leukemia transcription factor 1, which belongs to the TALE/PBX homeobox family. PBX1 acts as a transcriptional activator of PF4 in complex with MEIS1. Isoform PBX1b as part of a PDX1:PBX1b: MEIS2b complex in pancreatic acinar cells involved in the transcriptional activation of the ELA1 enhancer.