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PBX2 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP16016C

Specification

PBX2 Antibody (Center) - Product Information

Application	**WB,E**
Primary Accession	P40425
Other Accession	O35984, NP_002577.2
Reactivity	**Human, Mouse**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Antigen Region	**181-210**

PBX2 Antibody (Center) - Additional Information

Gene ID 5089

Other Names
Pre-B-cell leukemia transcription factor 2, Homeobox protein PBX2, Protein G17, PBX2, G17

Target/Specificity
This PBX2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 181-210 amino acids from the Central region of human PBX2.

Dilution
WB~~1:1000

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
PBX2 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

PBX2 Antibody (Center) - Protein Information

Name PBX2

Synonyms G17

Function Transcriptional activator that binds the sequence 5'- ATCAATCAA-3'. Activates

transcription of PF4 in complex with MEIS1.

Cellular Location
Nucleus.

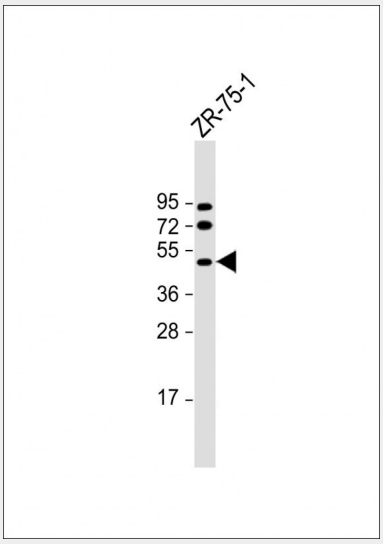
Tissue Location
Ubiquitously expressed.

PBX2 Antibody (Center) - Protocols

Provided below are standard protocols that you may find useful for product applications.

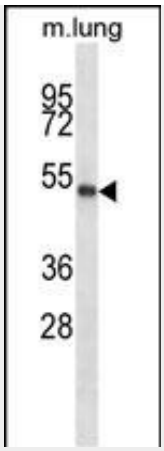
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

PBX2 Antibody (Center) - Images



Anti-PBX2 Antibody (Center) at 1:2000 dilution + ZR-75-1 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 46 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

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PBX2 Antibody (Center) (Cat. #AP16016c) western blot analysis in mouse lung tissue lysates (35ug/lane).This demonstrates the PBX2 antibody detected the PBX2 protein (arrow).

PBX2 Antibody (Center) - Background

This gene encodes a ubiquitously expressed member of the TALE/PBX homeobox family. It was identified by its similarity to a homeobox gene which is involved in t(1;19) translocation in acute pre-B-cell leukemias. This protein is a transcriptional activator which binds to the TLX1 promoter. The gene is located within the major histocompatibility complex (MHC) on chromosome 6. [provided by RefSeq].

PBX2 Antibody (Center) - References

Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010)
Ucisik-Akkaya, E., et al. Mol. Hum. Reprod. 16(10):770-777(2010)
Qiu, Y., et al. Int. J. Oncol. 36(3):651-663(2010)
Ban, H.J., et al. BMC Genet. 11, 26 (2010) :
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