

PBX1 antibody

Product Information

Catalog No.:	FNab06182
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months(Avoid repeated freeze / thaw cycles.)

Background

Binds the sequence 5'-ATCAATCAA-3'. Acts as a transcriptional activator of PF4 in complex with MEIS1. Converted into a potent transcriptional activator by the(1;19) translocation. May have a role in steroidogenesis and, subsequently, sexual development and differentiation. Isoform PBX1b as part of a PDX1:PBX1b:MEIS2b complex in pancreatic acinar cells is involved in the transcriptional activation of the ELA1 enhancer; the complex binds to the enhancer B element and cooperates with the transcription factor 1 complex(PTF1) bound to the enhancer A element. Probably in complex with MEIS2, is involved in transcriptional regulation by KLF4. Acts as a transcriptional activator of NKX2-5 and a transcriptional repressor of CDKN2B. Together with NKX2-5, it is required for spleen development through a mechanism that involves CDKN2B repression(By similarity).

Immunogen information

Immunogen:	pre-B-cell leukemia homeobox 1
Synonyms:	Pre-B-cell leukemia transcription factor 1 Homeobox protein PBX1 Homeobox protein PRL PBX1 PRL
Observed MW:	52 kDa
Uniprot ID :	P40424

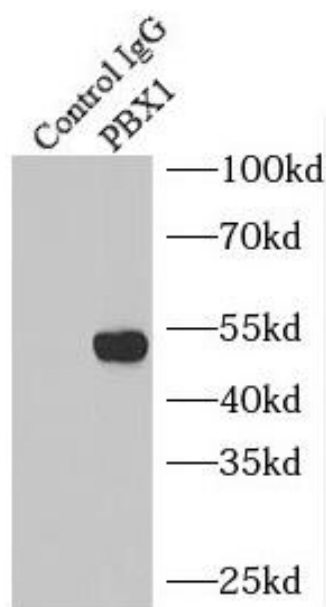
Application

Reactivity:	Human, Mouse, Rat
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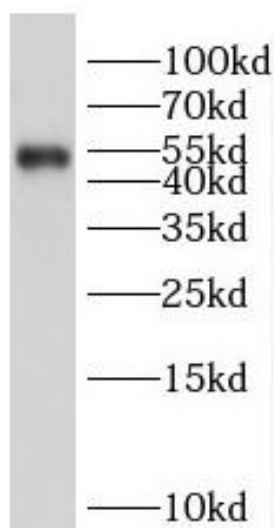
Tested Application: ELISA, WB, IF, IP

Recommended dilution: WB: 1:500-1:2000; IP: 1:200-1:1000; IF: 1:20-1:200

Image:



IP Result of anti-PBX1 (IP:FNab06182, 4ug;
Detection:FNab06182 1:500) with A2780 cells
lysate 1000ug.



A2780 cells were subjected to SDS PAGE
followed by western blot with FNab06182(PBX1
antibody) at dilution of 1:500