abcam

Product datasheet

Anti-PBX1/PRL antibody [EPR15937] ab192606

Recombinant RabMAb

<u>1 References</u> 3 Images

Overview

Product name	Anti-PBX1/PRL antibody [EPR15937]	
Description	Rabbit monoclonal [EPR15937] to PBX1/PRL	
Host species	Rabbit	
Tested applications	Suitable for: IP, WB	
Species reactivity	Reacts with: Human	
Immunogen	Recombinant fragment. This information is proprietary to Abcam and/or its suppliers.	
Positive control	Hela, Jurkat, A431 cell lysates	
General notes	 This product is a recombinant monoclonal antibody, which offers several advantages including: High batch-to-batch consistency and reproducibility Improved sensitivity and specificity Long-term security of supply Animal-free production For more information <u>see here</u>. Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to <u>RabMAb[®] patents</u>. 	
Properties	monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents .	
Properties Form	monoclonal antibodies. For details on our patents, please refer to <u>RabMAb[®] patents</u> . Liquid	
Form	Liquid Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long	
Form Storage instructions	Liquid Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle. pH: 7.2 Preservative: 0.01% Sodium azide	
Form Storage instructions Storage buffer	Liquid Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle. pH: 7.2 Preservative: 0.01% Sodium azide Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA	
Form Storage instructions Storage buffer Purity	Liquid Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle. pH: 7.2 Preservative: 0.01% Sodium azide Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA Protein A purified	

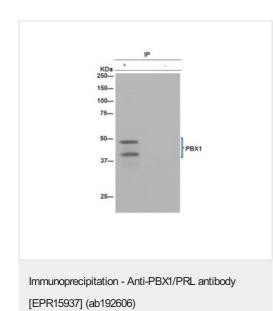
The Abpromise guarantee Our <u>Abpromise guarantee</u> covers the use of ab192606 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

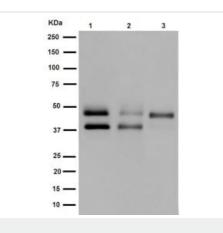
Application	Abreviews	Notes
IP		1/50.
WB		1/10000 - 1/50000. Detects a band of approximately 38 kDa (predicted molecular weight: 47 kDa).

Target		
Function	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.	
Tissue specificity	Expressed in all tissues except in cells of the B and T lineage.	
Involvement in disease	Note=A chromosomal aberration involving PBX1 is a cause of pre-B-cell acute lymphoblastic leukemia (B-ALL). Translocation t(1;19)(q23;p13.3) with TCF3. E2A-PBX1 transforms cells by constitutively activating transcription of genes regulated by PBX1 or by other members of the PBX protein family.	
Sequence similarities	Belongs to the TALE/PBX homeobox family. Contains 1 homeobox DNA-binding domain.	
Cellular localization	Nucleus.	

Images



Immunoprecipitation of Hela cell lysates (+) or PBS control (-) labeling PBX1 using ab192606 at 1/50 dilution and Anti-Rabbit lgG (HRP), specific to the non-reduced form of lgG at 1/1500 as secondary.



Western blot - Anti-PBX1/PRL antibody [EPR15937] (ab192606) All lanes : Anti-PBX1/PRL antibody [EPR15937] (ab192606) at 1/50000 dilution

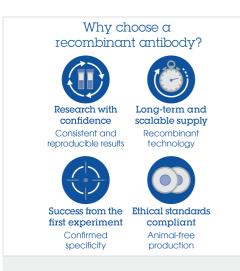
Lane 1 : Hela cell lysate Lane 2 : A431 cell lysate Lane 3 : Jurkat cell lysate

Lysates/proteins at 20 µg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated

Predicted band size: 47 kDa Additional bands at: 38 kDa (possible isoform)



Anti-PBX1/PRL antibody [EPR15937] (ab192606)

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