

Datasheet for ABIN2777186
anti-PBX1 antibody (N-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	PBX1
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Dog, Cow, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PBX1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human PBX1
Sequence:	MDEQPRLMHS HAGVGMAGHP GLSQHLQDGA GGTEGEGGRK QDIGDILQQI
Predicted Reactivity:	Cow: 100%, Dog: 100%, Human: 100%, Mouse: 100%, Pig: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against PBX1. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	PBX1
Alternative Name:	PBX1 (PBX1 Products)

Target Details

Background:	<p>PBX1 binds the sequence 5'-ATCAATCAA-3'. It acts as a transcriptional activator of PF4 in complex with MEIS1. It may be converted into a potent transcriptional activator by the (1,19) translocation. It also may have a role in steroidogenesis and, subsequently, sexual development and differentiation.</p> <p>Alias Symbols: DKFZp686B09108, MGC126627</p> <p>Protein Interaction Partner: SMARCD3, HOXA1, UCHL3, MDM2, UBC, KAT2A, HOXC8, NEDD4L, ELAVL1, MEIS2, PDX1, CREBBP, MEIS1, SIN3B, HDAC3, POU2F1, HDAC1, SMARCA4, HOXA10, MYOD1, PBX2, PAX6, PKNOX1, MYH10, HOXD10, HOXD4, HOXB1, HOXB8, HOXA9, HOXA5, NR3C1, HOXD9, HOXB7,</p> <p>Protein Size: 430</p>
Molecular Weight:	47 kDa
Gene ID:	5087
NCBI Accession:	NM_002585 , NP_002576
UniProt:	P40424

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 430 AA
Restrictions:	For Research Use only

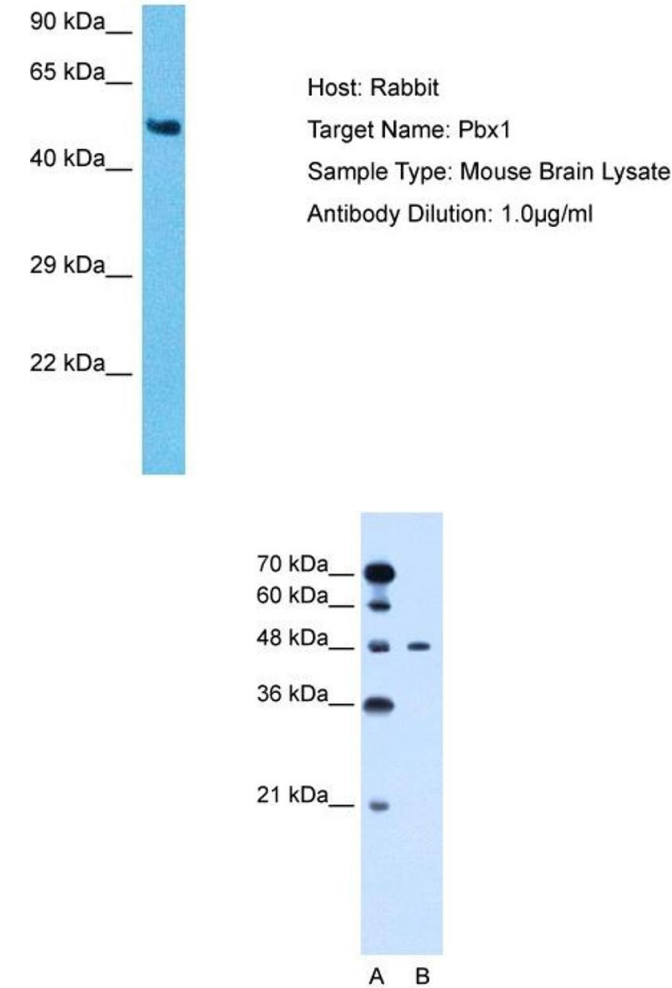
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C

Handling

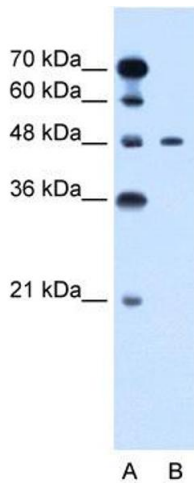
Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. Host: Mouse Target Name: PBX1 Sample Tissue: Mouse Brain Antibody Dilution: 1ug/ml



Western Blotting

Image 2. WB Suggested Anti-PBX1 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: Jurkat cell lysate