

## Product datasheet for **TA329892**

### PBX2 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-PBX2 antibody: synthetic peptide directed towards the N terminal of human PBX2. Synthetic peptide located within the following region: MDERLLGPPPPGGGRGGLGLVSGEPGGPGEPGGDPGGGSGGVPGGRGK
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	46 kDa
Gene Name:	PBX homeobox 2
Database Link:	<a href="#">NP_002577</a> <a href="#">Entrez Gene 18515 Mouse</a> <a href="#">Entrez Gene 5089 Human</a> <a href="#">P40425</a>



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**Background:**

PBX2 is a ubiquitously expressed member of the TALE/PBX homeobox family. PBX2 gene was identified by its similarity to a homeobox gene which is involved in t(1;19) translocation in acute pre-B-cell leukemias. PBX2 is a transcriptional activator which binds to the TLX1 promoter. 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. 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.

**Synonyms:**

G17; HOX12; PBX2MHC

**Note:**

Immunogen sequence homology: Pig: 100%; Rat: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Guinea pig: 100%

**Protein Families:**

Transcription Factors

**Product images:**

WB Suggested Anti-PBX2 Antibody Titration: 0.2-1 ug/ml; Positive Control: Transfected 293T