

PBXIP1 Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP16848B

Specification

PBXIP1 Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	O96A06
Other Accession	NP_065385.2
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	80643
Antigen Region	472-501

PBXIP1 Antibody (C-term) - Additional Information

Gene ID 57326

Other Names

Pre-B-cell leukemia transcription factor-interacting protein 1, Hematopoietic PBX-interacting protein, PBXIP1, HPIP

Target/Specificity

This PBXIP1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 472-501 amino acids from the C-terminal region of human PBXIP1.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

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

PBXIP1 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

PBXIP1 Antibody (C-term) - Protein Information

Name PBXIP1

Synonyms HPIP

Function Regulator of pre-B-cell leukemia transcription factors (BPXs) function. Inhibits the binding of PBX1-HOX complex to DNA and blocks the transcriptional activity of E2A-PBX1. Tethers estrogen receptor- alpha (ESR1) to microtubules and allows them to influence estrogen receptors-alpha signaling.

Cellular Location

Cytoplasm, cytoskeleton. Nucleus Note=Shuttles between the nucleus and the cytosol (PubMed:12360403) Mainly localized in the cytoplasm, associated with microtubules (PubMed:10825160, PubMed:12360403). Detected in small amounts in the nucleus (PubMed:10825160)

Tissue Location

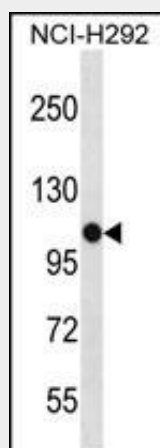
Expressed in early hematopoietic precursors.

PBXIP1 Antibody (C-term) - Protocols

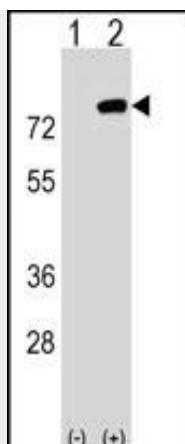
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

PBXIP1 Antibody (C-term) - Images



PBXIP1 Antibody (C-term) (Cat. #AP16848b) western blot analysis in NCI-H292 cell line lysates (35ug/lane). This demonstrates the PBXIP1 antibody detected the PBXIP1 protein (arrow).



Western blot analysis of PBXIP1 (arrow) using rabbit polyclonal PBXIP1 Antibody (C-term) (Cat. #AP16848b). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the PBXIP1 gene.

PBXIP1 Antibody (C-term) - Background

Regulator of pre-B-cell leukemia transcription factors (BPXs) function. Inhibits the binding of PBX1-HOX complex to DNA and blocks the transcriptional activity of E2A-PBX1. Tethers estrogen receptor-alpha (ESR1) to microtubules and allows them to influence estrogen receptors-alpha signaling.

PBXIP1 Antibody (C-term) - References

- Venkatesan, K., et al. Nat. Methods 6(1):83-90(2009)
- Olsen, J.V., et al. Cell 127(3):635-648(2006)
- Lim, J., et al. Cell 125(4):801-814(2006)
- Abramovich, C., et al. Oncogene 21(44):6766-6771(2002)
- Abramovich, C., et al. J. Biol. Chem. 275(34):26172-26177(2000)