

PBXIP1 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP16848b**Specification**

PBXIP1 Antibody (C-term) Blocking Peptide - Product Information

Primary Accession [Q96AQ6](#)

PBXIP1 Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 57326

Other Names

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

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

PBXIP1 Antibody (C-term) Blocking Peptide - 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) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

PBXIP1 Antibody (C-term) Blocking Peptide - Images

PBXIP1 Antibody (C-term) Blocking Peptide - Background

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PBXIP1 Antibody (C-term) Blocking Peptide - 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)