

# PBXIP1 Rabbit pAb

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Catalog # AP57706

## Product Information

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<b>Application</b>	IHC-P, IHC-F, IF
<b>Primary Accession</b>	<a href="#">Q96AQ6</a>
<b>Reactivity</b>	Human
<b>Predicted</b>	Mouse, Rat, Pig, Horse, Sheep
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	80643
<b>Physical State</b>	Liquid
<b>Immunogen</b>	KLH conjugated synthetic peptide derived from human PBXIP1
<b>Epitope Specificity</b>	631-731/731
<b>Isotype</b>	IgG
<b>Purity</b>	affinity purified by Protein A
<b>Buffer</b>	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
<b>SUBCELLULAR LOCATION</b>	Cytoplasm, cytoskeleton. Nucleus. Note=Shuttles between the nucleus and the cytosol. Mainly localized in the cytoplasm, associated with microtubules. Detected in small amounts in the nucleus.
<b>SUBUNIT</b>	Interacts with TEX11 (By similarity). Interacts with ESR1, PBX1, PBX2 and PBX3.
<b>Important Note</b>	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
<b>Background Descriptions</b>	PBXIP1 is a regulator of pre-B-cell leukemia transcription factors (BPXs) function. It inhibits the binding of PBX1-HOX complex to DNA and blocks the transcriptional activity of E2A-PBX1. PBXIP1 also tethers estrogen receptor-alpha (ESR1) to microtubules and allows them to influence estrogen receptors-alpha signaling.

## Additional Information

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<b>Gene ID</b>	57326
<b>Other Names</b>	Pre-B-cell leukemia transcription factor-interacting protein 1, Hematopoietic PBX-interacting protein, PBXIP1, HPIP
<b>Target/Specificity</b>	Expressed in early hematopoietic precursors.
<b>Dilution</b>	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
<b>Storage</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

## Protein Information

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<b>Name</b>	PBXIP1
<b>Synonyms</b>	HPIP
<b>Function</b>	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.
<b>Cellular Location</b>	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)
<b>Tissue Location</b>	Expressed in early hematopoietic precursors.

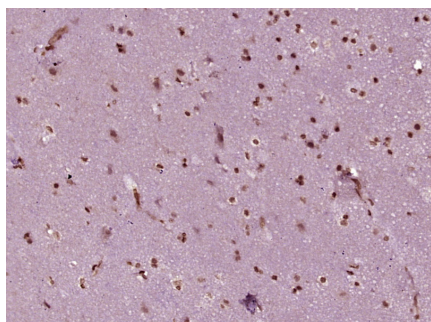
## Background

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PBXIP1 is a regulator of pre-B-cell leukemia transcription factors (BPXs) function. It inhibits the binding of PBX1-HOX complex to DNA and blocks the transcriptional activity of E2A-PBX1. PBXIP1 also tethers estrogen receptor-alpha (ESR1) to microtubules and allows them to influence estrogen receptors-alpha signaling.

## Images

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Paraformaldehyde-fixed, paraffin embedded (Human brain glioma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (PBXIP1) Polyclonal Antibody, Unconjugated (AP57706) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.