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PBXIP1 Rabbit pAb

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Catalog # AP57706

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q96AQ6
Reactivity	Human
Predicted	Rat, Pig, Mouse, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	80643
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human PBXIP1
Epitope Specificity	631-731/731
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	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.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	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

Gene ID	57326
Other Names	Pre-B-cell leukemia transcription factor-interacting protein 1, Hematopoietic PBX-interacting protein, PBXIP1, HPIP
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	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.

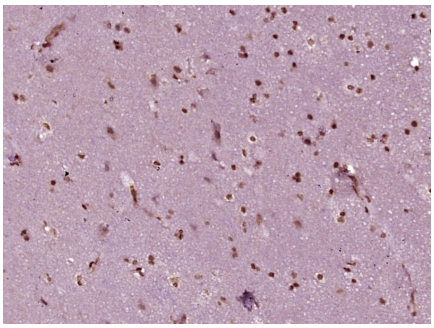
Protein Information

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.

Background

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Images



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) instructionsand DAB staining.

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