




Product datasheet

Anti-PBXIP1/HPIP antibody - N-terminal ab176591

[1 References](#) [3 Images](#)

Overview

Product name	Anti-PBXIP1/HPIP antibody - N-terminal
Description	Rabbit polyclonal to PBXIP1/HPIP - N-terminal
Host species	Rabbit
Tested applications	Suitable for: WB, IP, IHC-P
Species reactivity	Reacts with: Human Predicted to work with: Chimpanzee, Rhesus monkey, Gorilla, Orangutan 
Immunogen	<p>Synthetic peptide within Human PBXIP1/HPIP aa 1-50 (N terminal). The exact sequence is proprietary. NP_065385.2</p> <p>Sequence:</p> <p>MASCPDSDNS WVLAGESESLP VETLGPASRM DPESERALQA PHSPSKTDGK</p> <p>Database link: Q96AQ6</p> <p> Run BLAST with  Run BLAST with</p>
Positive control	HeLa whole cell lysate; Human pancreatic islet cell tumor tissue.
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	<p>pH: 6.8</p> <p>Preservative: 0.09% Sodium azide</p> <p>Constituents: 99% Tris buffered saline, 0.1% BSA</p>

Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab176591 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

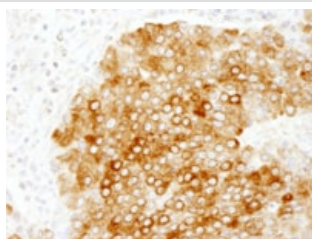
Application	Abreviews	Notes
WB		1/2000 - 1/10000. Predicted molecular weight: 81 kDa.
IP		Use at 2-5 µg/mg of lysate.
IHC-P		1/200 - 1/1000. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

Target

Relevance 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.

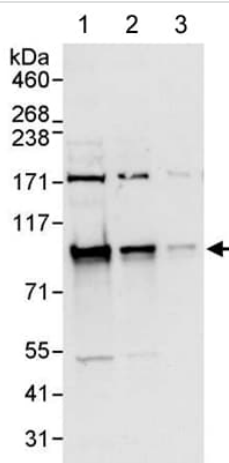
Cellular localization Cytoplasm, cytoskeleton. Nucleus. Note=Shuttles between the nucleus and the cytosol. Mainly localized in the cytoplasm, associated with microtubules. Detected in small amounts in the nucleus.

Images



Immunohistochemical analysis of formalin-fixed, paraffin-embedded Human pancreatic islet cell tumor tissue labeling PBXIP1/HPIP with ab176591 at 1µg/ml.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-PBXIP1/HPIP antibody - N-terminal (ab176591)



Western blot - Anti-PBXIP1/HPIP antibody - N-terminal (ab176591)

All lanes : Anti-PBXIP1/HPIP antibody - N-terminal (ab176591) at 0.04 µg/ml

Lane 1 : HeLa whole cell lysate at 50 µg

Lane 2 : HeLa whole cell lysate at 15 µg

Lane 3 : HeLa whole cell lysate at 5 µg

Developed using the ECL technique.

Predicted band size: 81 kDa

Exposure time: 10 seconds



Immunoprecipitation - Anti-PBXIP1/HPIP antibody - N-terminal (ab176591)

Detection of PBXIP1/HPIP by Western Blot of Immunoprecipitate. ab176591 at 0.1µg/ml labeling PBXIP1/HPIP in HeLa whole cell lysate immunoprecipitated using ab176591 at 3µg/mg lysate (1 mg/IP; 20% of IP loaded/lane). Detection: Chemiluminescence with exposure time of 10 seconds.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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