


# Anti-Peregrin/BRPF1 antibody - N-terminal ab226909

3 Images

### Overview

<b>Product name</b>	Anti-Peregrin/BRPF1 antibody - N-terminal
<b>Description</b>	Rabbit polyclonal to Peregrin/BRPF1 - N-terminal
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> WB
<b>Species reactivity</b>	<b>Reacts with:</b> Human <b>Predicted to work with:</b> Mouse, Rat, Chicken, Cow 
<b>Immunogen</b>	Recombinant fragment within Human Peregrin/BRPF1 (N terminal). The exact sequence is proprietary. Database link: <a href="#">P55201</a>
<b>Positive control</b>	WB: Peregrin/BRPF1 transfected HEK-293T cell lysate.
<b>General notes</b>	<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&amp;As</p>

### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	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.
<b>Storage buffer</b>	pH: 7.00 Preservative: 0.01% Thimerosal (merthiolate) Constituents: 1.21% Tris, 0.75% Glycine, 10% Glycerol (glycerin, glycerine)
<b>Purity</b>	Immunogen affinity purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

## Applications

### The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab226909 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		1/500 - 1/3000. Predicted molecular weight: 137 kDa.

## Target

### Function

Component of the MOZ/MORF complex which has a histone H3 acetyltransferase activity. Positively regulates the transcription of RUNX1 and RUNX2.

### Tissue specificity

High levels in testis.

### Sequence similarities

Contains 1 bromo domain.  
Contains 1 C2H2-type zinc finger.  
Contains 1 PHD-type zinc finger.  
Contains 1 PWWP domain.

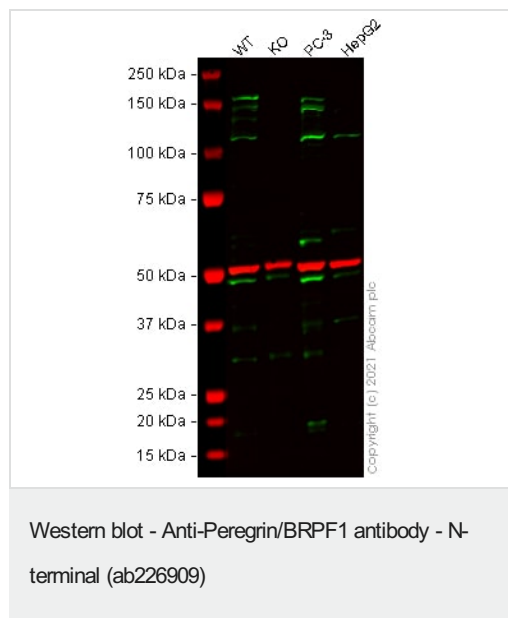
### Post-translational modifications

Acetylated by KAT6A.

### Cellular localization

Nucleus. Cytoplasm. Localization to the nucleus depends on KAT6A, ING5 and MEAF6.

## Images



**All lanes :** Anti-Peregrin/BRPF1 antibody - N-terminal (ab226909) at 1/500 dilution

**Lane 1 :** Wild-type HEK-293T cell lysate

**Lane 2 :** BRPF1 knockout HEK-293T cell lysate

**Lane 3 :** PC-3 cell lysate

**Lane 4 :** HepG2 cell lysate

Lysates/proteins at 20 µg per lane.

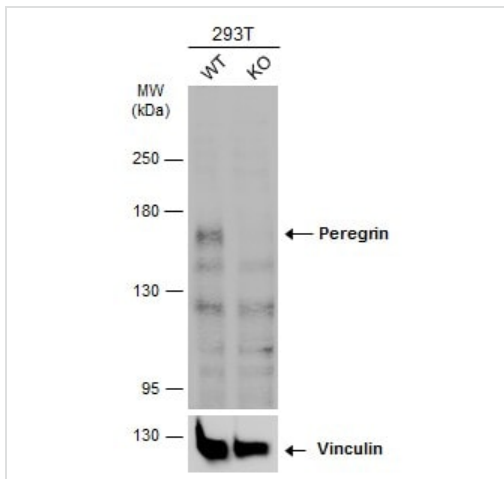
Performed under reducing conditions.

**Predicted band size:** 137 kDa

False colour image of Western blot: Anti-Peregrin/BRPF1 antibody - N-terminal staining at 1/500 dilution, shown in green; Mouse anti-Alpha Tubulin [DM1A] ([ab7291](#)) loading control staining at 1/20000 dilution, shown in red. In Western blot, ab226909 was shown to bind

specifically to Peregrin/BRPF1. A band was observed at 160, 145 and 138 kDa in wild-type HEK-293T cell lysates with no signal observed at this size in BRPF1 knockout cell line [ab266549](#) (knockout cell lysate [ab258795](#)). To generate this image, wild-type and BRPF1 knockout HEK-293T cell lysates were analysed. First, samples were run on an SDS-PAGE gel then transferred onto a nitrocellulose membrane. Membranes were blocked in 3 % milk in TBS-0.1 % Tween<sup>®</sup> 20 (TBS-T) before incubation with primary antibodies overnight at 4 °C. Blots were washed four times in TBS-T, incubated with secondary antibodies for 1 h at room temperature, washed again four times then imaged. Secondary antibodies used were Goat anti-Rabbit IgG H&L (IRDye<sup>®</sup> 800CW) preabsorbed ([ab216773](#)) and Goat anti-Mouse IgG H&L (IRDye<sup>®</sup> 680RD) preabsorbed ([ab216776](#)) at 1/20000 dilution.

Observed bands - 160, 145 and 138 kDa



Western blot - Anti-Peregrin/BRPF1 antibody - N-terminal (ab226909)

**All lanes :** Anti-Peregrin/BRPF1 antibody - N-terminal (ab226909) at 1/500 dilution

**Lane 1 :** WT 293T cell extracts

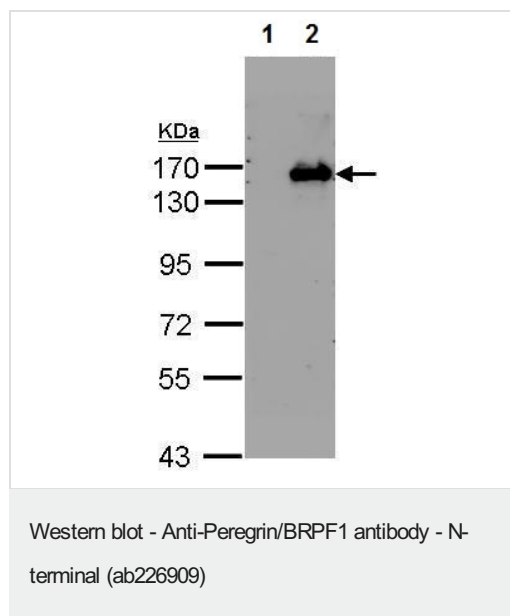
**Lane 2 :** Peregrin/BRPF1 Knockout 293T cell extracts

Lysates/proteins at 30 µg per lane.

#### Secondary

**All lanes :** HRP-conjugated anti-rabbit IgG

**Predicted band size:** 137 kDa



**All lanes :** Anti-Peregrin/BRPF1 antibody - N-terminal (ab226909)  
at 1/500 dilution

**Lane 1 :** Non-transfected HEK-293T (human epithelial cell line from embryonic kidney transformed with large T antigen) cell lysate

**Lane 2 :** Peregrin/BRPF1 transfected HEK-293T (human epithelial cell line from embryonic kidney transformed with large T antigen) cell lysate

**Predicted band size:** 137 kDa

7.5% SDS PAGE gel.

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

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