



## Product datasheet

### Anti-Plzf antibody - N-terminal ab189849

★★★★★ [1 Abreviews](#) [5 References](#) [1 Image](#)

#### Overview

<b>Product name</b>	Anti-Plzf antibody - N-terminal
<b>Description</b>	Rabbit polyclonal to Plzf - N-terminal
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> WB
<b>Species reactivity</b>	<b>Reacts with:</b> Mouse, Human
<b>Immunogen</b>	Recombinant fragment corresponding to Human Plzf aa 1-250 (N terminal). Database link: <a href="#">Q05516</a>
	<div>  <a href="#">Run BLAST with</a>  <a href="#">Run BLAST with</a> </div>
<b>Positive control</b>	HeLa, THP1, mouse lung, mouse heart, mouse brain extracts.
<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: 7.30 Preservative: 0.02% Sodium azide Constituents: 49% PBS, 50% Glycerol
<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 ab189849 in the following tested applications.

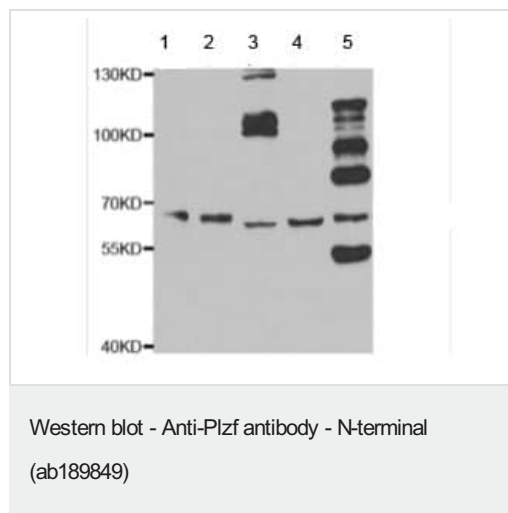
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/500 - 1/2000. Predicted molecular weight: 74 kDa.

## Target

<b>Function</b>	Probable transcription factor. May play a role in myeloid maturation and in the development and/or maintenance of other differentiated tissues. Probable substrate-recognition component of an E3 ubiquitin-protein ligase complex which mediates the ubiquitination and subsequent proteasomal degradation of target proteins.
<b>Tissue specificity</b>	Within the hematopoietic system, PLZF is expressed in bone marrow, early myeloid cell lines and peripheral blood mononuclear cells. Also expressed in the ovary, and at lower levels, in the kidney and lung.
<b>Pathway</b>	Protein modification; protein ubiquitination.
<b>Involvement in disease</b>	Skeletal defects, genital hypoplasia, and mental retardation A chromosomal aberration involving ZBTB16 may be a cause of acute promyelocytic leukemia (APL). Translocation t(11;17)(q32;q21) with RARA.
<b>Sequence similarities</b>	Belongs to the krueppel C2H2-type zinc-finger protein family. Contains 1 BTB (POZ) domain. Contains 9 C2H2-type zinc fingers.
<b>Cellular localization</b>	Nucleus.

## Images



**All lanes** : Anti-Plzf antibody - N-terminal (ab189849) at 1/500 dilution

**Lane 1** : HeLa cell extract

**Lane 2** : THP1 cell extract

**Lane 3** : Mouse lung extract

**Lane 4** : Mouse heart extract

**Lane 5** : Mouse brain extract

**Predicted band size:** 74 kDa

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

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