

Product datasheet

Anti-PINX1 antibody ab95208

1 Image

Overview

<b>Product name</b>	Anti-PINX1 antibody
<b>Description</b>	Rabbit polyclonal to PINX1
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> WB
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	KLH conjugated synthetic peptide selected from the central region of Human PINX1 (NP_060354.4).
<b>Positive control</b>	A375 cell line lysate

Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at 4°C (up to 6 months). Store at -20°C long term.
<b>Storage buffer</b>	Preservative: 0.09% Sodium Azide Constituents: PBS
<b>Purity</b>	Immunogen affinity purified
<b>Purification notes</b>	ab95208 is purified through a protein A column, followed by peptide affinity purification.
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab95208** in the following tested applications.

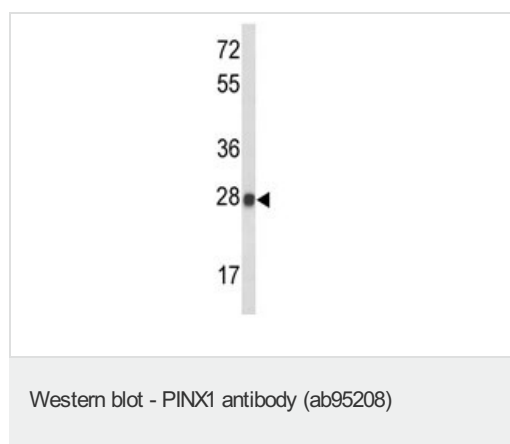
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/100 - 1/500. Predicted molecular weight: 37 kDa.

Target

<b>Function</b>	Microtubule-binding protein essential for faithful chromosome segregation. Mediates TRF1 and TERT accumulation in nucleolus and enhances TRF1 binding to telomeres. Inhibits telomerase activity. May inhibit cell proliferation and act as tumor suppressor.
<b>Tissue specificity</b>	Ubiquitous; expressed at low levels. Not detectable in a number of hepatocarcinoma cell lines.
<b>Sequence similarities</b>	Belongs to the PINX1 family. Contains 1 G-patch domain.
<b>Domain</b>	The TID (telomerase inhibiting domain) domain is sufficient to bind TERT and inhibit its activity. The TBM domain mediates interaction with TERF1.
<b>Cellular localization</b>	Nucleus. Nucleus > nucleolus. Chromosome > telomere. Chromosome > centromere > kinetochore. Localizes in nucleoli, at telomere speckles and to the outer plate of kinetochores. Localization to the kinetochore is mediated by its central region and depends on NDC80 and CENPE.

## Images



Anti-PINX1 antibody (ab95208) at 1/100 dilution + A375 cell line lysate at 35 µg

**Predicted band size:** 37 kDa

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