

Product datasheet

Anti-PINX1 antibody ab95208

1 Image

Overview

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

Properties

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

Applications

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

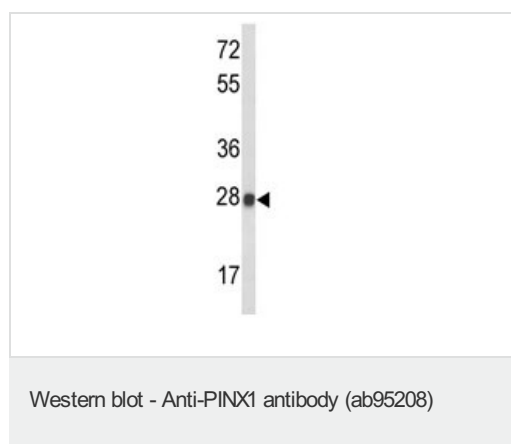
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

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

Target

Function	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.
Tissue specificity	Ubiquitous; expressed at low levels. Not detectable in a number of hepatocarcinoma cell lines.
Sequence similarities	Belongs to the PINX1 family. Contains 1 G-patch domain.
Domain	The TID (telomerase inhibiting domain) domain is sufficient to bind TERT and inhibit its activity. The TBM domain mediates interaction with TERF1.
Cellular localization	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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