

Product datasheet

Anti-Pin1 antibody ab37891

1 Image

Overview

Product name	Anti-Pin1 antibody
Description	Chicken polyclonal to Pin1
Host species	Chicken
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Human
Immunogen	Full length protein, corresponding to amino acids 1-163 of Human Pin1

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.
Storage buffer	Constituent: PBS
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgY

Applications

Our [Abpromise guarantee](#) covers the use of **ab37891** 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. Predicted molecular weight: 18 kDa.

Target

Function	Essential PPlase that regulates mitosis presumably by interacting with NIMA and attenuating its mitosis-promoting activity. Displays a preference for an acidic residue N-terminal to the
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isomerized proline bond. Catalyzing pSer/Thr-Pro cis/trans isomerizations.

Sequence similarities

Contains 1 PpiC domain.

Contains 1 WW domain.

Domain

The WW domain is required for the interaction with STIL and KIF20B.

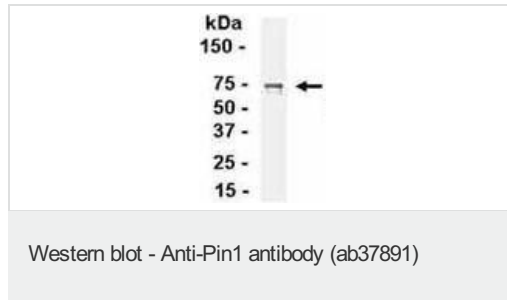
Post-translational modifications

Phosphorylated upon DNA damage, probably by ATM or ATR.

Cellular localization

Nucleus.

Images



Anti-Pin1 antibody (ab37891) at 1/2000 dilution + E coli-derived fusion protein

Secondary

goat anti-IgY-HRP at 1/1000 dilution

Predicted band size: 18 kDa

Observed band size: 75 kDa

[why is the actual band size different from the predicted?](#)

The difference between observed and expected MW is due to the fact that a fusion protein was used as positive control.

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