


Product datasheet

Anti-Cyclophilin A antibody ab3563

★★★★★ 4 Abreviews 6 References 3 Images

Overview

Product name	Anti-Cyclophilin A antibody
Description	Rabbit polyclonal to Cyclophilin A
Host species	Rabbit
Specificity	Detects recombinant human Cyclophilin A (CyPA), but does not detect endogenous levels of CyPA.
Tested applications	Suitable for: ICC/IF, WB, ELISA, ICC
Species reactivity	Reacts with: Mouse, Rat, Rabbit, Hamster, Human Predicted to work with: Cow, Cat, Pig, Chimpanzee, Rhesus monkey, African green monkey 
Immunogen	Other Immunogen Type corresponding to Human Cyclophilin A. Purified recombinant Human Cyclophilin A.

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 or -80°C. Avoid freeze / thaw cycle.
Storage buffer	Preservative: 0.05% Sodium azide Constituent: 99% PBS
Purity	IgG fraction
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab3563** in the following tested applications.

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

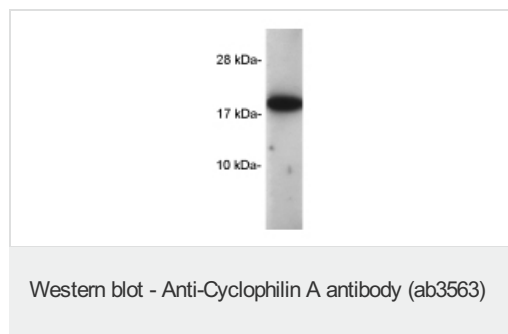
Application	Abreviews	Notes
ICC/IF		Use a concentration of 1 µg/ml.

Application	Abreviews	Notes
WB	★★★★★	1/300.
ELISA	★★★★★	1/1000. Used for 2 hrs on Rabbit liver cells.
ICC		Use at an assay dependent concentration.

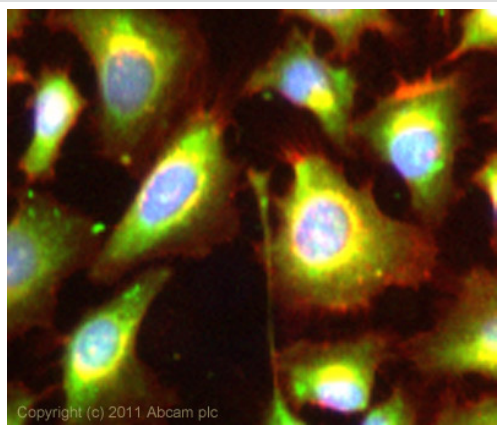
Target

Function	PPLases accelerate the folding of proteins. It catalyzes the cis-trans isomerization of proline imidic peptide bonds in oligopeptides.
Sequence similarities	Belongs to the cyclophilin-type PPlase family. PPlase A subfamily. Contains 1 PPlase cyclophilin-type domain.
Cellular localization	Cytoplasm.

Images

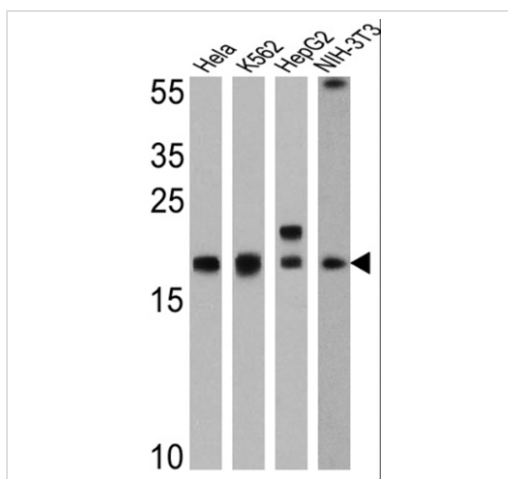


ab3563 at 1/300 dilution detecting 0.5ug recombinant human cyclophilin A by Western Blot (ECL).



Immunocytochemistry/ Immunofluorescence - Anti-Cyclophilin A antibody (ab3563)

ICC/IF image of ab3563 stained HeLa cells. The cells were 100% methanol fixed (5 min) and then incubated in 1%BSA / 10% normal goat serum / 0.3M glycine in 0.1% PBS-Tween for 1h to permeabilise the cells and block non-specific protein-protein interactions. The cells were then incubated with the antibody (ab3563, 1µg/ml) overnight at +4°C. The secondary antibody (green) was Alexa Fluor® 488 goat anti-rabbit IgG (H+L) used at a 1/1000 dilution for 1h. Alexa Fluor® 594 WGA was used to label plasma membranes (red) at a 1/200 dilution for 1h. DAPI was used to stain the cell nuclei (blue) at a concentration of 1.43µM.



Western blot - Anti-Cyclophilin A antibody (ab3563)

All lanes : Anti-Cyclophilin A antibody (ab3563) at 1/500 dilution

- Lane 1 :** HeLa cell lysate
- Lane 2 :** K562 cell lysate
- Lane 3 :** HepG2 cell lysate
- Lane 4 :** NIH-3T3

Lysates/proteins at 25 µg per lane.

Observed band size: 18 kDa

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