

Product datasheet

Anti-PHC3 antibody ab69142

1 References 1 Image

Overview

Product name	Anti-PHC3 antibody
Description	Mouse polyclonal to PHC3
Host species	Mouse
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Human
Immunogen	full-length human PHC3, (AAH22325, 151 a.a)
Positive control	PHC3 transfected 293T cell lysate

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Storage buffer	Preservative: None Constituents: Whole serum
Purity	Whole antiserum
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab69142** 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
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WB

Application notes	WB: 1/500 - 1/1000. Detects a band of approximately 16 kDa (predicted molecular weight for Isoform 5: 16 kDa).
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Not yet tested in other applications.

Optimal dilutions/concentrations should be determined by the end user.

Target

Function

Component of the Polycomb group (PcG) multiprotein PRC1 complex, a complex required to maintain the transcriptionally repressive state of many genes, including Hox genes, throughout development. PcG PRC1 complex acts via chromatin remodeling and modification of histones; it mediates monoubiquitination of histone H2A 'Lys-119', rendering chromatin heritably changed in its expressibility.

Sequence similarities

Contains 1 FCS-type zinc finger.

Contains 1 SAM (sterile alpha motif) domain.

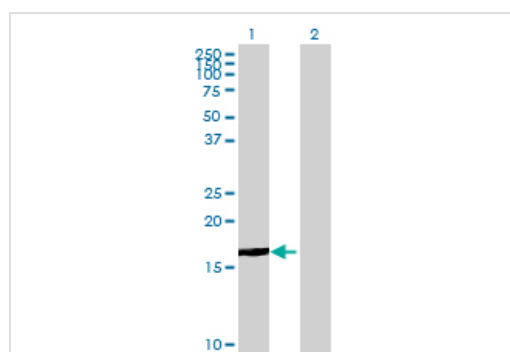
Post-translational modifications

Phosphorylated upon DNA damage, probably by ATM or ATR.

Cellular localization

Nucleus.

Images



Western blot - Anti-PHC3 antibody (ab69142)

All lanes : Anti-PHC3 antibody (ab69142) at 1/500 dilution

Lane 1 : PHC3 transfected 293T cell lysate

Lane 2 : Non-transfected 293T cell lysate

Lysates/proteins at 25 µg per lane.

Secondary

All lanes : Goat Anti-Mouse IgG (H&L)-HRP

Conjugate at 1/2500 dilution

Predicted band size: 16 kDa

Observed band size: 16 kDa

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