Datasheet for ABIN1693965
anti-PHC1 antibody (AA 751-900) (Alexa Fluor 350)

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Overview

Quantity:	100 µL
Target:	PHC1
Binding Specificity:	AA 751-900
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PHC1 antibody is conjugated to Alexa Fluor 350
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human EDR1/PHC1
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Dog,Cow,Sheep,Pig,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	PHC1
Alternative Name:	EDR1/PHC1 (PHC1 Products)
Background:	Synonyms: Early development regulatory protein 1, EDR1 PH1, hPH1, mPH1, PH1,

Target Details

Polyhomeotic-like protein 1, Rae28, PHC1_HUMAN.

Background: PHC1 is a 1,004 amino acid nuclear protein that is a component of the PcG multiprotein PRC1 complex. Specifically, the PcG PRC1 complex modifies histones, remodels chromatin and mediates monoubiquination of Histone H2A. Other constituent proteins involved in the PcG PRC1 complex are Mel-18, Bmi-1, M33, MPc2, MPc3, RING1, Ring1b, as well as several others. Existing as a homodimer, PHC1 contains one FCS-type zinc finger and a SAM (sterile alpha motif) domain. PHC1 is encoded by a gene located on human chromosome 12, which encodes over 1,100 genes and comprises approximately 4.5 % of the human genome.

Gene ID:	1911

Application Details

Application Notes:	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months