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Datasheet for ABIN7117653  
**anti-PHC2 antibody**

### Overview

Quantity:	100 µg
Target:	PHC2 (PhC2)
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PHC2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

### Product Details

Immunogen:	polyhomeotic homolog 2(Drosophila)
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

### Target Details

Target:	PHC2 (PhC2)
Alternative Name:	PHC2 ( <a href="#">PhC2 Products</a> )
Background:	Synonyms:EDR2, HPH2, PH2, PHC2, Polyhomeotic like protein 2 Background:Component of a Polycomb group(PcG) multiprotein PRC1-like complex, a complex class 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,

## Target Details

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it mediates monoubiquitination of histone H2A 'Lys-119', rendering chromatin heritably changed in its expressibility.

Molecular Weight: 40kd

Gene ID: 1912

UniProt: [Q8IXK0](#)

## Application Details

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Application Notes: WB: 1:200-1:2000, IF: 1:50-1:500

Restrictions: For Research Use only

## Handling

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Format: Liquid

Buffer: PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Expiry Date: 12 months