

## PHC2 polyclonal antibody

Rabbit Polyclonal Antibody Catalog # ABV11392

# **Specification**

## PHC2 polyclonal antibody - Product Information

Application E
Primary Accession Q8IXK0
Host Rabbit
Clonality Polyclonal
Isotype Rabbit IgG
Calculated MW 90713

# PHC2 polyclonal antibody - Additional Information

**Gene ID 1912** 

Positive Control Application & Usage **Other Names** EDR2, HPH2, PH2

**Target/Specificity** 

PHC2

**Antibody Form** 

Liquid

**Appearance** Colorless liquid

Formulation

In PBS with 0.05% (W/V) sodium azide.

Handling

The antibody solution should be gently mixed before use.

**Reconstitution & Storage** 

-20 °C

**Background Descriptions** 

#### **Precautions**

PHC2 polyclonal antibody is for research use only and not for use in diagnostic or therapeutic procedures.

**ELISA: Peptides.** 

ELISA: 1:500.

# PHC2 polyclonal antibody - Protein Information



### Name PHC2

### Synonyms EDR2, PH2

#### **Function**

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

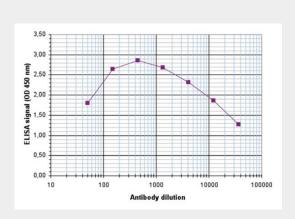
**Cellular Location**Nucleus.

### PHC2 polyclonal antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

# PHC2 polyclonal antibody - Images



To determine the titer, an ELISA was performed using a serial dilution of the antibody. The wells were coated with the peptide used for immunization of the rabbit. By plotting the absorbance against the antibody dilution, the titer of the antibody was estimated to be 1:33300.

### PHC2 polyclonal antibody - Background

PHC2 is a 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. The PcG PRC1 complex acts via chromatin remodeling and modification of histones; it mediates monoubiquitination of lysine 119 on histone H2A, rendering chromatin heritably changed in its expressibility.