

# PHC2 Antibody

**ALTERNATE NAMES:** EDR2, HPH2, PH2

**CATALOG #:** 6858-50

**AMOUNT:** 50 µl

**HOST/ISOTYPE:** Rabbit

**IMMUNOGEN:** Polyclonal antibody raised in rabbit against mouse PHC2 (polyhomeotic homolog 2) using two KLH-conjugated synthetic peptides containing a sequence from the central region of the protein.

**FORM:** Liquid

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

**PURIFICATION:** Whole antiserum from rabbit

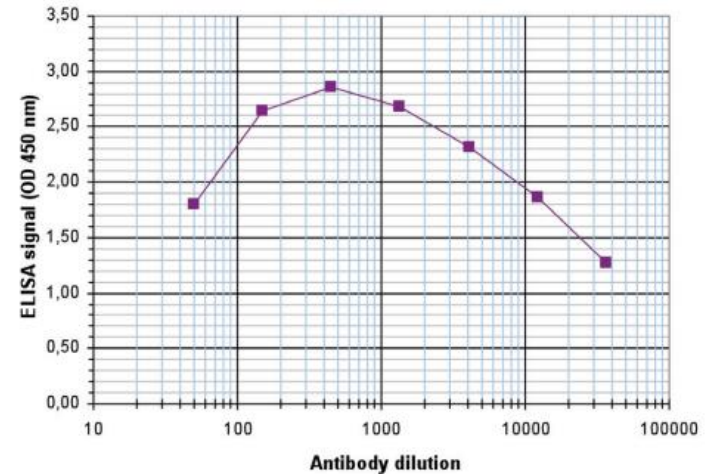
**SPECIES REACTIVITY:** Mouse

**STORAGE CONDITIONS:** Store at -20°C; for long storage, store at -80°C. Avoid multiple freeze-thaw cycles.

**DESCRIPTION:** 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.

**APPLICATION:** ELISA: 1:500.

**Note:** This information is only intended as a guide. The optimal dilutions must be determined by the user.



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.

**RELATED PRODUCTS:**

- CBX4 Antibody (NT) (Cat. No. 5284-100)
- EED Antibody (NT) (Cat. No. 5292-100)
- L3MBTL1 Antibody (Cat. No. 6857-25)
- EZH1 Antibody (Cat # 6123-100)
- EZH2 Antibody (Cat # 3242-100)
- EZH2 Inhibitor, EPZ005687 (Cat # 2364-2, -10)
- EZH1 Antibody (Cat # 6123-100)
- EZH Antibody (Cat # 6838-25)

**FOR RESEARCH USE ONLY! Not to be used on humans.**

