



[Go to Product page](#)

Datasheet for ABIN5517633
anti-PHC2 antibody (C-Term)

1 Image

Overview

Quantity:	100 µL
Target:	PHC2 (PhC2)
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Horse, Rabbit, Cow, Dog, Guinea Pig, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PHC2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C-terminal region of Human PHC2
Sequence:	GMTSGNGNSA SSIAGTAPQN GENKPPQAIV KPQILTHVIE GFVIQEGAEP
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 100%
Characteristics:	This is a rabbit polyclonal antibody against PHC2. It was validated on Western Blot.
Purification:	Affinity purified

Target Details

Target:	PHC2 (PhC2)
Alternative Name:	PHC2 (PhC2 Products)

Target Details

Background: In *Drosophila melanogaster*, the 'Polycomb' group (PcG) of genes are part of a cellular memory system that is responsible for the stable inheritance of gene activity. PcG proteins form a large multimeric, chromatin-associated protein complex. The protein encoded by this gene has homology to the *Drosophila* PcG protein 'polyhomeotic' (Ph) and is known to heterodimerize with EDR1 and colocalize with BMI1 in interphase nuclei of human cells. The specific function in human cells has not yet been determined. Two transcript variants encoding different isoforms have been found for this gene.

Alias Symbols: PHC2, EDR2, PH2,

Protein Interaction Partner: FAM74A4, FAM74A1, FAM13C, FAM124A, MAGEB6, ZMAT2, ZNF417, MAB21L3, SSX2IP, TRIM41, ZGPAT, L3MBTL3, PCGF5, SPATC1L, FAM161A, ENKD1, KBTBD7, SYT16, THAP7, AEN, CARD9, CBX8, C1orf109, SFMBT1, PRPF31, PPP1R16B, KAT5, PCGF3, RWDD2B, ZBTB24, MORF4L2, RBM39, AP1

Protein Size: 858

Gene ID: 1912

UniProt: [Q8IXK0](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

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: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small

aliquots to prevent freeze-thaw cycles.



Western Blotting

Image 1. Host: Rabbit Target Name: PHC2 Sample Type: NCI-H226 Whole Cell lysates Antibody Dilution: 1.0ug/ml