



## Human PHC2 peptide (DAG-P0605)

This product is for research use only and is not intended for diagnostic use.

### PRODUCT INFORMATION

<b>Antigen Description</b>	In <i>Drosophila melanogaster</i> , 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 <i>Drosophila</i> 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. [provided by RefSeq, Jul 2008]
<b>Conjugate</b>	Unconjugated
<b>Sequence Similarities</b>	Contains 1 FCS-type zinc finger.Contains 1 SAM (sterile alpha motif) domain.
<b>Format</b>	Liquid
<b>Preservative</b>	None
<b>Storage</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

### GENE INFORMATION

<b>Gene Name</b>	<a href="#">PHC2 polyhomeotic homolog 2 (Drosophila) [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	PHC2
<b>Synonyms</b>	PHC2; polyhomeotic homolog 2 (Drosophila); PH2; EDR2; HPH2; polyhomeotic-like protein 2; polyhomeotic 2; polyhomeotic-like 2; early development regulatory protein 2; early development regulator 2 (homolog of polyhomeotic 2);
<b>Entrez Gene ID</b>	<a href="#">1912</a>

<b>mRNA Refseq</b>	<a href="#">NM_004427.3</a>
<b>Protein Refseq</b>	<a href="#">NP_004418.2</a>
<b>UniProt ID</b>	Q8IXK0
<b>Chromosome Location</b>	1p34.3
<b>Pathway</b>	Cellular Senescence, organism-specific biosystem; Cellular responses to stress, organism-specific biosystem; Oxidative Stress Induced Senescence, organism-specific biosystem;
<b>Function</b>	DNA binding; protein binding; zinc ion binding;