

Product datasheet

info@arigobio.com

ARG58611 anti-PHC1 antibody

Package: 100 μl Store at: -20°C

Summary

Product Description Rabbit Polyclonal antibody recognizes PHC1

Tested Reactivity Hu

Tested Application WB

Host Rabbit

Clonality Polyclonal

Isotype IgG

Target Name PHC1

Species Human

Immunogen KLH-conjugated synthetic peptide between aa. 308-342 of Human PHC1.

Conjugation Un-conjugated

Alternate Names hPH1; RAE28; EDR1; Polyhomeotic-like protein 1; MCPH11; Early development regulatory protein 1;

HPH1

Application Instructions

Application table	Application	Dilution
	WB	1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Positive Control Jurkat

Properties

Form Liquid

Purification Purification with Protein A and immunogen peptide.

Buffer PBS and 0.09% (W/V) Sodium azide.

Preservative 0.09% (W/V) Sodium azide

Storage instruction For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot

and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed

before use.

Note For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol PHC1

Gene Full Name polyhomeotic homolog 1 (Drosophila)

Background This gene is a homolog of the Drosophila polyhomeotic gene, which is a member of the Polycomb group

of genes. The gene product is a component of a multimeric protein complex that contains EDR2 and the vertebrate Polycomb protein BMH1. The gene product, the EDR2 protein, and the Drosophila polyhomeotic protein share 2 highly conserved domains, named homology domains I and II. These domains are involved in protein-protein interactions and may mediate heterodimerization of the

protein encoded by this gene and the EDR2 protein. [provided by RefSeq, Jul 2008]

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

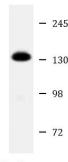
expressibility. Required for proper control of cellular levels of GMNN expression. [UniProt]

Calculated Mw 106 kDa

Images

ARG58611 anti-PHC1 antibody WB image

Western blot: 20 μg of Jurkat cell lysate stained with ARG58611 anti-PHC1 antibody at 1:2000 dilution.



Jurkat