

PHC1 Antibody (N-Term)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP21886a

Specification

PHC1 Antibody (N-Term) - Product Information

Application	WB,E
Primary Accession	P78364
Other Accession	Q64028
Reactivity	Human
Predicted	Mouse
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Calculated MW	105534

PHC1 Antibody (N-Term) - Additional Information

Gene ID 1911

Other Names

Polyhomeotic-like protein 1, hPH1, Early development regulatory protein 1, PHC1, EDR1, PH1

Target/Specificity

This PHC1 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 308-342 amino acids from human PHC1.

Dilution

WB~~1:2000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

PHC1 Antibody (N-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

PHC1 Antibody (N-Term) - Protein Information

Name PHC1

Synonyms EDR1, PH1

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.

Cellular Location

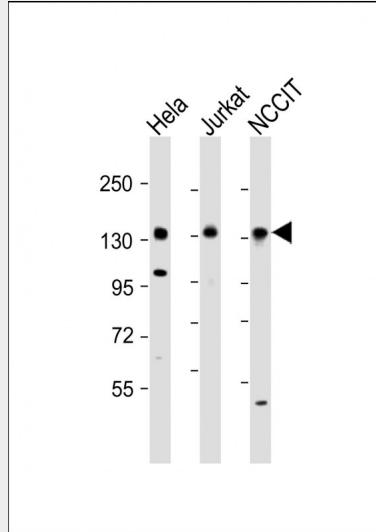
Nucleus

PHC1 Antibody (N-Term) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

PHC1 Antibody (N-Term) - Images



All lanes : Anti-PHC1 Antibody (N-Term) at 1:2000 dilution Lane 1: Hela whole cell lysate Lane 2: Jurkat whole cell lysate Lane 3: NCCIT whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 103 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

PHC1 Antibody (N-Term) - Background

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.

PHC1 Antibody (N-Term) - References

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Scherer S.E.,et al.Nature 440:346-351(2006).
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.
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Levine S.S.,et al.Mol. Cell. Biol. 22:6070-6078(2002).