

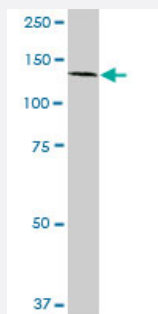
MaxPab®

PHC1 MaxPab rabbit polyclonal antibody (D01)

Catalog # H00001911-D01

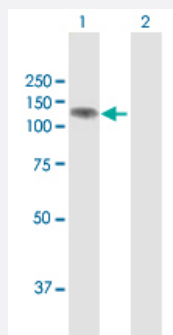
Size 100 uL

Applications



Western Blot (Tissue lysate)

PHC1 MaxPab rabbit polyclonal antibody. Western Blot analysis of PHC1 expression in human colon.

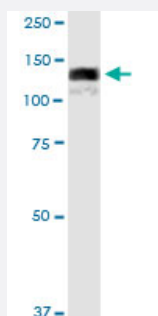


Western Blot (Transfected lysate)

Western Blot analysis of PHC1 expression in transfected 293T cell line ([H00001911-T03](#)) by PHC1 MaxPab polyclonal antibody.

Lane 1: PHC1 transfected lysate(100.2 KDa).

Lane 2: Non-transfected lysate.



Immunoprecipitation

Immunoprecipitation of PHC1 transfected lysate using anti-PHC1 MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with PHC1 purified MaxPab mouse polyclonal antibody (B01P) ([H00001911-B01P](#)).

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human PHC1 protein.

Immunogen	PHC1 (AAH73964.1, 1 a.a. ~ 957 a.a) full-length human protein.
Sequence	METESEQNSNSTNGSSSSGGSSRPQIAQMSLYERQAVQATIAASRQASSPNTSTTQQQTTTTQAS INLATTSAACLISRSQSVSSPSATTLTQSVLLGNTTSPPLNQSQAQMYLRVNRTLGRNVPLASQLIL MPNGAVAAVQQEVPSAQSPGVHADADQVQNLAVRNQQAQAQGPQMGGSTQKAIPPGASPVSS LSQASSQALAVAQASSGATNQSLNLSQAGGGSGNSIPGSMGPGGGGQAHGGLGQLPSSGMGG GSCPRKGTGVVQPLPAAQTVTVSQQSQTEAESAAAKKAEADGSGQQNVGMNLTRTATPAPSQT LISSATYTIQPHSLIQQQQIHLQKQVVIQQQIAHHQQQFQHRQSLLHTATHLQLAQQQQQQQ QQQQQQPQATTLTAPQPPQVPPTQQVPPSQSQQAQTLVVQPMQLSSPLSLPPDAAPKPPPIQ SKPPVAPIKPPQLGAAKMSAAQQPPHIPVQVVGTRQPGTAQAQALGLAQLAAAVPTSRGMPGT VQSGQAHLASSPPSSQAPGALQECPPTLAPGMTLAPVQGTAAHVVKGGATTSSPVVAQVPAAFY MQSVHLPQKPGQTLAVKRAKADSEERDDVSTLGSMLPAKASPVAESPVMDEKSSSLGEKAESV ANVNANTPSELVALTPAPSVPPPTLAMVSRQMGSKPPQAVKPKQLTHIEGFVIQEGAEPFPVG CSQLLKESEKPLQTGLPTGLTENQSGGSLGVDSPSAELDKKANLLKCEYCGKYAPAEQFRGSKR FCSMTCAKRYNVSCSHQFRLKRKKMKEFQEANYARVRRRGPRRSSSDIARAKIQGKCHRGQED SSRGSDNSSYDEALSPTSPGPLSVRAGHGERDLGNPNTAPPTPELHGINPVFLSSNPSRWSVEE VYEFIASLQGCQEIAEEFRSQEIDGQALLLLKEEHLMSAMNIKLGPAKICAKINVLKET
Host	Rabbit
Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

PHC1 MaxPab rabbit polyclonal antibody. Western Blot analysis of PHC1 expression in human colon.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of PHC1 expression in transfected 293T cell line ([H00001911-T03](#)) by PHC1 MaxPab polyclonal antibody.

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- Immunoprecipitation

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[Protocol Download](#)

Gene Info — PHC1

Entrez GeneID [1911](#)

GeneBank Accession# [BC073964](#)

Protein Accession# [AAH73964.1](#)

Gene Name PHC1

Gene Alias EDR1, HPH1, RAE28

Gene Description polyhomeotic homolog 1 (Drosophila)

Omim ID [602978](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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]

Other Designations Rae28-like|early development regulator 1 (homolog of polyhomeotic 1)|polyhomeotic 1-like|polyhomeotic-like 1

Publication Reference

- [Mutation in PHC1 implicates chromatin remodeling in primary microcephaly pathogenesis.](#)

Awad S, Al-Dosari MS, Al-Yacoub N, Colak D, Salih MA, Alkuraya FS, Poizat C.

Human Molecular Genetics 2013 Jun; 22(11):2200.

Application: IP, WB, Human, Human lymphocyte