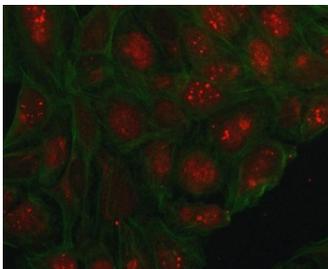


PHC1 Antibody / Polyhomeotic-like protein 1 (RQ8818)

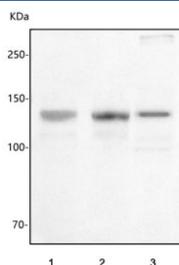
Catalog No.	Formulation	Size
RQ8818	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity chromatography
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	P78364
Applications	Western Blot : 1-2ug/ml Immunofluorescence : 5ug/ml ELISA : 0.1-0.5ug/ml
Limitations	This PHC1 antibody is available for research use only.



Immunofluorescent staining of FFPE human U-2 OS cells with PHC1 antibody (red) and DAPI nuclear stain (blue). HIER: steam section in pH6 citrate buffer for 20 min.



Western blot testing of human 1) U-2 OS, 2) SH-SY5Y and 3) Jurkat cell lysate with PHC1 antibody. Predicted molecular weight ~105 kDa but commonly observed at 125-135 kDa.

Description

Polyhomeotic-like protein 1 is a protein that in humans is encoded by the PHC1 gene. 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.

Application Notes

Optimal dilution of the PHC1 antibody should be determined by the researcher.

Immunogen

An E.coli-derived human recombinant protein (amino acids R23-K642) was used as the immunogen for the PHC1 antibody.

Storage

After reconstitution, the PHC1 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.