

PHC2 Rabbit pAb

Catalog No.: A14610

Basic Information

Observed MW

45kDa

Calculated MW

91kDa

Category

Primary antibody

Applications

ELISA, WB

Cross-Reactivity

Human

Background

In *Drosophila melanogaster*, 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 *Drosophila* 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.

Recommended Dilutions

WB 1:500 - 1:2000

Immunogen Information

Gene ID

1912

Swiss Prot

Q8IXK0

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 250-323 of human PHC2 (NP_004418.2).

Synonyms

PH2; EDR2; HPH2; PHC2

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

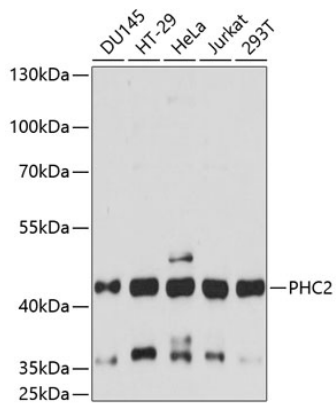
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of various lysates using PHC2 Rabbit pAb (A14610) at 1:3000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25 μ g per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 90s.