

PHC3 Rabbit pAb

CatalogNo: YN1073

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse

Applications

- WB, ELISA

MW

- 108kD (Observed)

Isotype

- IgG

Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Recommended Dilution Ratios

WB 1:500-2000

ELISA 1:5000-20000

Basic Information

Clonality Polyclonal

Immunogen Information

Immunogen Synthesized peptide derived from human protein . at AA range: 720-800

Specificity PHC3 Polyclonal Antibody detects endogenous levels of protein.

Target Information

Gene name PHC3 EDR3 PH3

Protein Name Polyhomeotic-like protein 3 (Early development regulatory protein 3) (Homolog of polyhomeotic 3) (hPH3)

Organism	Gene ID	UniProt ID
Human	80012 ;	Q8NDX5 ;
Mouse		Q8CHP6 ;

Cellular Localization Nucleus .

Tissue specificity Adipose tissue,Epithelium,Testis,

Function Function:Component of the Polycomb group (PcG) multiprotein PRC1 complex, a complex 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.,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,similarity:Contains 1 FCS-type zinc finger.,similarity:Contains 1 SAM (sterile alpha motif) domain.,subunit:Component of chromatin-associated class II polycomb repressive complex 1 (PRC1/hPRC-H) at least composed of PCGF2/RNF110, BMI1/PCGF4, CBX2/M33, CBX4/PC2, CBX8/PC3, PHC1, PHC2, PHC3, SCM1, RING1 and RNF2/RING2.,

| Validation Data

| Contact information

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PHC3 Rabbit pAb

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