

## PHC3 Rabbit pAb

CatalogNo: YN1073

### Key Features

#### Host Species

- Rabbit

#### Reactivity

- Human, Mouse

#### Applications

- WB, ELISA

#### MW

- 108kD (Observed)

#### Isotype

- IgG

### Recommended Dilution Ratios

WB 1:500-2000

ELISA 1:5000-20000

### 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.

### 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

<b>Protein Name</b>	Polyhomeotic-like protein 3 (Early development regulatory protein 3) (Homolog of polyhomeotic 3) (hPH3)		
	<b>Organism</b>	<b>Gene ID</b>	<b>UniProt ID</b>
	Human	<a href="#">80012;</a>	<a href="#">Q8NDX5;</a>
	Mouse		<a href="#">Q8CHP6;</a>
<b>Cellular Localization</b>	Nucleus .		
<b>Tissue specificity</b>	Adipose tissue,Epithelium,Testis,		
<b>Function</b>	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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