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Datasheet for ABIN6991943
anti-PHC3 antibody (N-Term)

Overview

Quantity:	0.1 mg
Target:	PHC3
Binding Specificity:	AA 240-290, N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PHC3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	PHC3 antibody was raised against a 19 amino acid peptide near the amino terminus of human PHC3. The immunogen is located within amino acids 240 - 290 of PHC3.
Isotype:	IgG
Specificity:	PHC3 antibody is human, mouse and rat specific. At least six isoforms of PHC3 are known to exist.
Purification:	PHC3 antibody is affinity chromatography purified via peptide column.

Target Details

Target:	PHC3
Alternative Name:	PHC3 (PHC3 Products)

Target Details

Background: Polycomb group (PcG) proteins assemble into multimeric protein complexes, which are involved in maintaining the transcriptional repressive state of genes throughout development (1). PHC3 (Polyhomeotic-like protein 3), also known as Early development regulatory protein 3, is a 983 amino acid nuclear protein that is a component of the PcG multiprotein PRC1 complex (2). PRC1 complex acts via chromatin remodeling and modification of histones. PHC3 contains 1 FCS-type zinc finger and SAM (sterile alpha motif) domain (2-3). PHC 3 has been regarded as a candidate tumor suppressor of osteosarcoma (4).

Molecular Weight: Predicted: 109 kDa

Observed: 120 kDa

Gene ID: 80012

NCBI Accession: [NP_079223](#)

UniProt: [Q8NDX5](#)

Application Details

Application Notes: PHC3 antibody can be used for detection of PHC3 by Western blot at 1 - 2 μ g/mL.

Antibody validated: Western Blot in mouse samples. All other applications and species not yet tested.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: PHC3 antibody is supplied in PBS containing 0.02 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, 4 °C

Storage Comment: PHC3 antibody can be stored at 4°C for three months and -20°C, stable for up to one year.
