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Datasheet for ABIN5517248 **anti-PHC3 antibody (C-Term)**

Overview

Quantity:	100 µL
Target:	PHC3
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C-terminal region of Human PHC3
Sequence:	LSRWNRKPDN QSLGHRGRRP SGPDGAAREH ILRQLPITYP SAEEDLASHE
Characteristics:	This is a rabbit polyclonal antibody against PHC3. It was validated on Western Blot.
Purification:	Affinity purified

Target Details

Target:	PHC3
Alternative Name:	PHC3 (PHC3 Products)
Background:	PHC3 is a component of a Polycomb group (PcG) multiprotein PRC1- like complex, a complex class 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

Target Details

chromatin heritably changed in its expressibility.

Alias Symbols: PHC3, EDR3, PH3,

Protein Interaction Partner: OGT, UBC, EED, RNF2, BMI1, SOX2, ALB, CBX2, PHC3, CBX8, CBX6, SCMH1, CBX4, PCGF2, SCML1, RING1, PHC2, PHC1, SUMO2,

Protein Size: 983

Gene ID: 80012

NCBI Accession: [XP_005247847](#)

UniProt: [Q8NDX5](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

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

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.