# antibodies - online.com







# anti-PHC3 antibody (AA 819-850)

**Images** 

Overview

Alternative Name:

Background:



Overview	
Quantity:	200 μL
Target:	PHC3
Binding Specificity:	AA 819-850
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PHC3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))
Product Details	
Immunogen:	This PHC3 antibody is generated from a rabbit immunized with a KLH conjugated synthetic
	peptide between 819-850 amino acids from human PHC3.
Clone:	RB54120
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.
Target Details	
Target:	PHC3

Component of a Polycomb group (PcG) multiprotein PRC1- like complex, a complex class

PHC3 (PHC3 Products)

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.

Molecular Weight:

106162

UniProt:

Q8NDX5

### **Application Details**

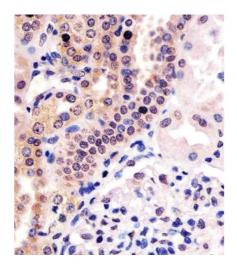
Application Notes: WB: 1:2000. IHC-P: 1:25

Restrictions: For Research Use only

## Handling

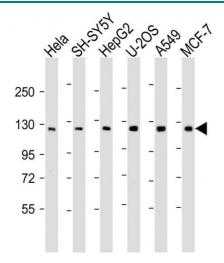
Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Expiry Date:	6 months

#### **Images**



#### **Immunohistochemistry (Paraffin-embedded Sections)**

**Image 1.** (ABIN6243947 and ABIN6578467) staining PHC3 in human kidney tissue sections by Immunohistochemistry (IHC-P - paraformaldehyde-fixed, paraffin-embedded sections). Tissue was fixed with formaldehyde and blocked with 3 % BSA for 0. 5 hour at room temperature, antigen retrieval was by heat mediation with a citrate buffer (pH 6). Samples were incubated with primary antibody (1/25) for 1 hours at 37 °C. A undiluted biotinylated goat polyvalent antibody was used as the secondary antibody.



#### **Western Blotting**

Image 2. All lanes: Anti-PHC3 Antibody (C-Term) at 1:2000 dilution Lane 1: Hela whole cell lysate Lane 2: SH-SY5Y whole cell lysate Lane 3: HepG2 whole cell lysate Lane 4: U-2OS whole cell lysate Lane 5: A549 whole cell lysate Lane 6: MCF-7 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size: 106 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.