Datasheet for ABIN6243947
anti-PHC3 antibody (AA 819-850)
2 Images


Overview

| Quantity: | $200 \mu \mathrm{~L}$ |
| :--- | :--- |
| 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 <br> 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 |
| :--- | :--- |
| Alternative Name: | PHC3 (PHC3 Products) |
| Background: | Component of a Polycomb group (PCG) multiprotein PRC1- like complex, a complex class |

## Target Details

|  | 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: | $4^{\circ} \mathrm{C},-20^{\circ} \mathrm{C}$ |
| 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 $37^{\circ} \mathrm{C}$. 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: U2OS whole cell lysate Lane 5: A549 whole cell lysate Lane 6: MCF-7 whole cell lysate Lysates/proteins at $20 \mu \mathrm{~g}$ 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.

