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Datasheet for ABIN7450211 anti-EPC1 antibody (AA 325-375)

Overview

| | |
|----------------------|---|
| Quantity: | 100 µg |
| Target: | EPC1 |
| Binding Specificity: | AA 325-375 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This EPC1 antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunoprecipitation (IP) |

Product Details

| | |
|-----------------------|--|
| Purpose: | Rabbit anti-EPC1 Antibody, Affinity Purified |
| Immunogen: | between AA 325 and 375 |
| Isotype: | IgG |
| Predicted Reactivity: | Mouse |
| Purification: | Affinity Purified |

Target Details

| | |
|-------------------|--|
| Target: | EPC1 |
| Alternative Name: | EPC1 (EPC1 Products) |
| Background: | Background: Enhancer of polycomb homolog 1 (EPC1) is a component of the NuA4 histone |

Target Details

acetyltransferase (HAT) complex which is involved in transcriptional activation of select genes principally by acetylation of nucleosomal histones H4 and H2A. This modification may both alter nucleosome - DNA interactions and promote interaction of the modified histones with other proteins which positively regulate transcription. This complex may be required for the activation of transcriptional programs associated with oncogene and proto-oncogene mediated growth induction, tumor suppressor mediated growth arrest and replicative senescence, apoptosis, and DNA repair. NuA4 may also play a direct role in DNA repair when directly recruited to sites of DNA damage [taken from the Universal Protein Resource (UniProt) Q9H2F5].

Gene ID: 80314

NCBI Accession: [NP_079485](#)

UniProt: [Q9H2F5](#)

Pathways: [Regulation of Muscle Cell Differentiation](#)

Application Details

Application Notes: IP: 2 - 10 µg/mg lysate
WB: 1:2,000 - 1:10,000

Restrictions: For Research Use only

Handling

Concentration: 1000 µg/mL

Buffer: Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09 % 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

Expiry Date: 12 months