

# CBX4 Rabbit mAb

Catalog # AP76317

## Product Information

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|--------------------------|------------------------|
| <b>Application</b>       | WB                     |
| <b>Primary Accession</b> | <a href="#">O00257</a> |
| <b>Reactivity</b>        | Human, Mouse, Rat      |
| <b>Host</b>              | Rabbit                 |
| <b>Clonality</b>         | Monoclonal Antibody    |
| <b>Calculated MW</b>     | 61368                  |

## Additional Information

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|--------------------|--|
| <b>Gene ID</b>     | 8535   |
| <b>Other Names</b> | CBX4   |
| <b>Dilution</b>    | WB~~1/500-1/1000   |
| <b>Format</b>      | 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.    |
| <b>Storage</b>     | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles. |

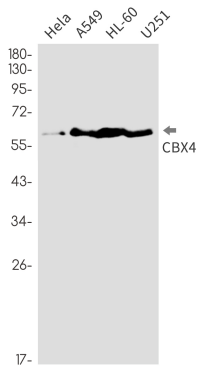
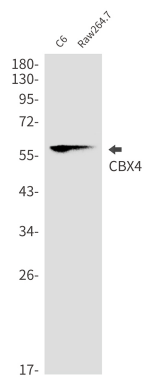
## Protein Information

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|--------------------------|---|
| <b>Name</b>              | CBX4  |
| <b>Function</b>          | E3 SUMO-protein ligase that catalyzes sumoylation of target proteins by promoting the transfer of SUMO from the E2 enzyme to the substrate (PubMed: <a href="#">12679040</a> , PubMed: <a href="#">22825850</a> ). Involved in the sumoylation of HNRNPK, a p53/TP53 transcriptional coactivator, hence indirectly regulates p53/TP53 transcriptional activation resulting in p21/CDKN1A expression. Monosumoylates ZNF131 (PubMed: <a href="#">22825850</a> ). |
| <b>Cellular Location</b> | Nucleus. Nucleus speckle. Note=Localization to nuclear polycomb bodies is required for ZNF131 sumoylation (PubMed:22467880). Localized in distinct foci on chromatin (PubMed:18927235)  |
| <b>Tissue Location</b>   | Ubiquitous.   |

## Images

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