

# CBX4 Rabbit mAb

Catalog # AP76424

## Product Information

---

<b>Application</b>	WB, IP
<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

---

<b>Gene ID</b>	8535
<b>Other Names</b>	CBX4
<b>Dilution</b>	WB~~1/500-1/1000 IP~~1/20
<b>Format</b>	Liquid

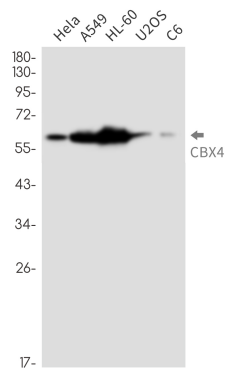
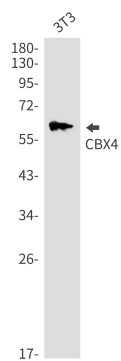
## Protein Information

---

<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

---



Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.