



Recombinant CBX4 Monoclonal Antibody

catalog number: AN301815L

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Reactivity Human;Rat;Mouse

Immunogen Recombinant human CBX4 fragment

 Host
 Rabbit

 Isotype
 IgG, κ

 Clone
 A527

Purification Protein A purified

Buffer PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

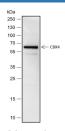
Applications Recommended Dilution

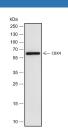
 WB(human)
 1:500-1:1000

 WB(rat)
 1:1000-1:5000

 IHC
 1:200-1:1000

Data



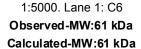


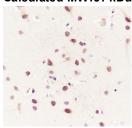
Western Blot with CBX4 Monoclonal Antibody at dilution of Western Blot with CBX4 Monoclonal Antibody at dilution of

1:1000. Lane 1: HepG2

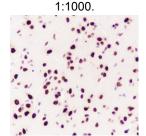
Observed-MW:61 kDa



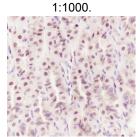




Immunohistochemistry of paraffin-embedded Human breast cancer using CBX4 Monoclonal Antibody at dilution of



Immunohistochemistry of paraffin-embedded Human cerebrum using CBX4 Monoclonal Antibody at dilution of



Immunohistochemistry of paraffin-embedded Mouse cerebrum using CBX4 Monoclonal Antibody at dilution of 1:1000.

Immunohistochemistry of paraffin-embedded Mouse stomach using CBX4 Monoclonal Antibody at dilution of 1:1000.

For Research Use Only

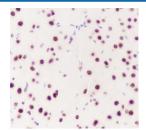
 Toll-free: 1-888-852-8623
 Tel: 1-832-243-6086
 Fax: 1-832-243-6017

 Web: www.elabscience.com
 Email: techsupport@elabscience.com

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Immunohistochemistry of paraffin-embedded Rat cerebrum using CBX4 Monoclonal Antibody at dilution of 1:1000.

Preparation & Storage

Storage Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.

Shipping Ice bag

Background

CBX4 is a component of the PRC1 complex, which together with Ring1 strongly enhances the E3 ubiquitin ligase activity of the Ring2 catalytic subunit. CBX4 itself is a SUMO E3 ligase, and its function influences EMT, DNA damage response, tumor angiogenesis, and self-renewal. E3 SUMO-protein ligase which facilitates SUMO1 conjugation by UBE2I. It is involved in the SUMOylation of HNRNPK, a p53/TP53 transcriptional coactivator, hence indirectly regulates p53/TP53 transcriptional activation resulting in p21/CDKN1A expression.

 Toll-free: 1-888-852-8623
 Tel: 1-832-243-6086
 Fax: 1-832-243-6017

 Web: www.elabscience.com
 Email: techsupport@elabscience.com
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