

Goat anti-CBX7 (aa88-99) Antibody

Item Number	dAP-3054
Target Molecule	Principle Name: CBX7 (aa88-99); Official Symbol: CBX7; All Names and Symbols: CBX7; chromobox homolog 7; chromobox protein homolog 7; Accession Number (s): NP_783640.1; Human Gene ID(s): 23492; Non-Human GeneID(s):
Immunogen	DLRSSHKAKGKE, is from internal region
Applications	Pep ELISA Species Tested:
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 128000.
Western Blot	Western Blot: Preliminary experiments gave an approx 23kDa band in lysates of cell lines A549, CACO2, MCF7 and MRC5 PD19 after 0.01µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe
IHC	
Reference	Reference(s): Li Q, Wang X, Lu Z, Zhang B, Guan Z, Liu Z, Zhong Q, Gu L, Zhou J, Zhu B, Ji J, Deng D. Polycomb CBX7 directly controls trimethylation of histone H3 at lysine 9 at the p16 locus. PLoS One. 2010 Oct 29;5(10):e13732..PMID: 21060834->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**