

Goat anti-CBX8 Antibody

Item Number	dAP-1527
Target Molecule	Principle Name: CBX8; Official Symbol: CBX8 ; All Names and Symbols: CBX8; chromobox homolog 8 (Pc class homolog, Drosophila) ; HPC3; PC3; RC1; chromobox homolog 8; polycomb 3; Accession Number (s): NP_065700.1; Human Gene ID(s): 57332; Non-Human GeneID(s): 30951 (mouse)
Immunogen	RERGTSRVDDKPSS, is from internal region
Applications	Pep ELISA, WB Species Tested: Human
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 32000.
Western Blot	Western Blot: Approx. 40kDa band observed in lysates of cell line K562 (calculated MW of 43.4kDa according to NP_065700.1). Recommended concentration: 0.1-0.3µg/ml. An additional band of unknown identity was also consistently observed at 28kDa. This band
IHC	

Reference	Reference(s): Dietrich N, Bracken AP, Trinh E, Schjerling CK, Koseki H, Rappsilber J, Helin K, Hansen KH. Bypass of senescence by the polycomb group protein CBX8 through direct binding to the INK4A-ARF locus. EMBO J. 2007 Mar 21;26(6):1637-48. Epub 2007 Mar 1..PMID: 17332741 ->
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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**