

## Goat anti-CBX5 / HP1-Alpha, biotinylated Antibody

<b>Item Number</b>	dAP-3293
<b>Target Molecule</b>	Principle Name: CBX5 / HP1-Alpha, biotinylated; Official Symbol: CBX5; All Names and Symbols: CBX5; chromobox homolog 5; HEL25; HP1; HP1A; HP1 alpha homolog; HP1-ALPHA; HP1Hs alpha; antigen p25; chromobox homolog 5 (HP1 alpha homolog, Drosophila); epididymis luminal protein 25; heterochromatin protein 1 homolog alpha; heterochromatin protein 1-alp; Accession Number (s): NP_036249.1; Human Gene ID(s): 23468; Non-Human GenelD(s):
<b>Immunogen</b>	NKRKSNFSNSNSADDIK.., is from internal region Reported variants represent identical protein: NP_036249.1, NP_001120793.1, NP_001120794.1
<b>Applications</b>	Pep ELISA, WB Species Tested: Human
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	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.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 128000.
<b>Western Blot</b>	Western Blot: Approx 25kDa band observed in HeLa lysates (calculated MW of 22.2kDa according to NP_036249.1). See non-biotinylated parental product's datasheet for further QC data. Recommended concentration: 0.1-0.3µg/ml.
<b>IHC</b>	
<b>Reference</b>	Reference(s): Rohr O, Lecestre D, Chasserot-Golaz S, Marban C, Avram D, Aunis D, Leid M, Schaeffer E. Recruitment of Tat to heterochromatin protein HP1 via interaction with CTIP2 inhibits human immunodeficiency virus type 1 replication in microglial cells. <i>Journal of virology</i> 2003 May 77 (9): 5415-27..PMID: 12683326

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 end users! This product is sold for **Research Use Only**