

Goat anti-CBX6 and CBX8 Antibody

Item Number	dAP-0473
Target Molecule	Principle Name: CBX6 and CBX8; Official Symbol: CBX6 / CBX8; All Names and Symbols: CBX6; chromobox homolog 6; CBX8; chromobox homolog 8; PC3; RC1; HPC3; polycomb 3; Neuronal pentraxin receptor; chromobox homolog 8 (Pc class homolog, Drosophila);; Accession Number (s): NP_055107.3; NP_065700.1; Human Gene ID(s): 23466; 57332; Non-Human GeneID(s):
Immunogen	ELSAVGERVFAAE, is from N Terminus This antibody is expected to recognise both the human proteins CBX6 and CBX8, which are almost identical.
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 64000.
Western Blot	Western Blot: Preliminary experiments gave an approx 37kDa band in Human, Mouse and Rat Brain lysates at 0.3ug/ml. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 43.8kDa acc
IHC	
Reference	Reference(s): Bardos JI, Saurin AJ, Tissot C, Duprez E, Freemont PS. HPC3 is a new human polycomb orthologue that interacts and associates with RING1 and Bmi1 and has transcriptional repression properties. J Biol Chem. 2000 Sep 15;275(37):28785-

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**