

## Goat anti-CHD1 (internal) Antibody

<b>Item Number</b>	dAP-1373
<b>Target Molecule</b>	Principle Name: CHD1 (internal); Official Symbol: CHD1; All Names and Symbols: CHD1; chromodomain helicase DNA binding protein 1; DKFZp686E2337; Accession Number (s): NP_001261.2; Human Gene ID (s): 1105; Non-Human GeneID(s): 12648 (mouse) 308215 (rat)
<b>Immunogen</b>	NGKDHRDWDHYKQD, is from internal region
<b>Applications</b>	Pep ELISA Species Tested:
<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 64000.
<b>Western Blot</b>	Western Blot: Preliminary experiments gave bands at approx 110kDa and 30kDa in lysates of cell line HeLa after 0.2µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the bands we observe given the calcu
<b>IHC</b>	
<b>Reference</b>	Reference(s): Eissenberg JC, Lee MG, Schneider J, Ilvarsonn A, Shiekhattar R, Shilatifard A. The trithorax -group gene in Drosophila little imaginal discs encodes a trimethylated histone H3 Lys4 demethylase. Nat Struct Mol Biol. 2007 Apr;14(4):344-346. Epub 2007 Mar 11. .PMID: 17351630 ->

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**