

## Goat anti-CHD1 (internal) Antibody

Item Number	dAP-1373
Target Molecule	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)
Immunogen	NGKDHRDWDHYKQD, 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 64000.
Western Blot	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
IHC	
Reference	Reference(s): Eissenberg JC, Lee MG, Schneider J, Ilvarsson A, Shiekhattar R, Shilatifard A. The trithorax -group gene in Drosophila little imaginal discs encodes a trimethylated histone H3 Lys4 demethylase. <i>Nat Struct Mol Biol</i> . 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 end users! This product is sold for **Research Use Only**