

Goat anti-CDYL Antibody

Item Number	dAP-0141
Target Molecule	Principle Name: CDYL; Official Symbol: CDYL; All Names and Symbols: CDYL; chromodomain protein, Y-like; CDYL1, DKFZP586C1622, MGC131936; CDY-like, autosomal; bA620A17.2 (chromodomain protein, Y chromosome-like); chromodomain protein, Y chromosome-like; chromodomain protein, Y chromosome-like, isoform b; testis-specific ch; Accession Number (s): NP_004815.3; NP_001137442.1; NP_001137443.1; Human Gene ID(s): 9425; Non-Human GeneID(s): 12593 (mouse)
Immunogen	SMLKYLQRKIDEF, is from C Terminus This antibody is expected to recognize both reported isoforms NP_004815.3; NP_001137442.1; NP_001137443.1). Variants (NP_001137442.1; NP_001137443.1) encode the same isoform.
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 4000.
Western Blot	Western Blot: Approx 75kDa band observed in Human Testes lysates (calculated MW of 66.5kDa according to NP_004815.2). The observed molecular weight corresponds to earlier findings in literature with different antibodies (Lahn et al , Proc Natl Acad Sci U
IHC	
Reference	Reference(s): Lahn BT, Page DC. Retroposition of autosomal mRNA yielded testis-specific gene family on human Y chromosome. Nat Genet. 1999 Apr;21(4):429-33..PMID: 10192397 ->

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**