



CDYL2 Polyclonal Antibody

Cat #: ABP50948

Size: 30µl /100µl /200µl

Product Information

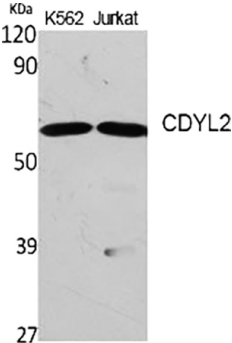
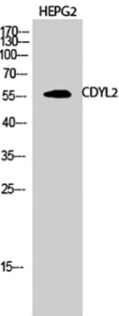
	Product Name: CDYL2 Polyclonal Antibody		
	Applications: WB, IHC-P, ICC, ELISA		Isotype: Rabbit IgG
	Reactivity: Human		
REF	Catalog Number: ABP50948	LOT	Lot Number: Refer to product label
	Formulation: Liquid		Concentration: 1 mg/ml
	Storage: Store at -20°C. Avoid repeated freeze / thaw cycles.		Note: Contain sodium azide.

Background: CDY, a gene family expressed exclusively in the testis, localizes to a region of the Y chromosome frequently deleted in infertile males. CDY protein contains two functional domains, an N-terminal chromodomain, possibly functioning in heterochromatin interactions, and also a C-terminal domain which resembles enoyl-CoA-isomerase, a protein involved in fatty acid oxidation. Furthermore, CDY acts as a histone acetyltransferase, with strong preference for histone H4, a process required for the histone to proamine transition in spermatogenesis, consistent with the association with male infertility. Chromodomain Y-like protein (CDYL) is a related ubiquitous nuclear protein expressed at moderate levels in most tissues. The gene encoding for the CDYL protein localizes to chromosome 6p25.1.

Application Notes: Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: WB (1:500-1:2000), IHC-P (1:100-1:300), ICC (1:200-1:1000), ELISA (1:20000). Not yet tested in other applications.

Storage Buffer: PBS containing 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.

Storage Instructions: Stable for one year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing.

	<p>Fig.1. Western Blot analysis of various cells using CDYL2 Polyclonal Antibody diluted at 1:1000.</p>
	<p>Fig.2. Western Blot analysis of HEPG2 cells using CDYL2 Polyclonal Antibody diluted at 1:1000.</p>

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