

For Research Use Only

CHD1L Polyclonal antibody, PBS Only

Catalog Number:32923-1-PBS



Basic Information

Catalog Number:

32923-1-PBS

Size:

100ug , Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG38526

GenBank Accession Number:

NM_004284.5

GeneID (NCBI):

9557

UNIPROT ID:

Q86WJ1

Full Name:

chromodomain helicase DNA binding protein 1-like

Calculated MW:

101kDa 897aa

Observed MW:

101 kDa

Purification Method:

Antigen affinity Purification

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human

Background Information

CHD1L (Chromodomain Helicase DNA Binding Protein 1-Like), also known as ALC1 (Amplified in Liver Cancer 1), encodes a multifunctional protein involved in various cellular processes such as chromatin remodeling, cell differentiation, and development. CHD1L acts as an ATP-dependent chromatin remodeling enzyme with an ATPase catalytic domain activated by double-stranded DNA. It interacts with PARP1 (poly-ADP-ribose polymerase 1) to promote chromatin relaxation at DNA damage sites, facilitating DNA repair. Overexpression of CHD1L leads to dysregulation of downstream targets in various cancers.

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS only, pH7.3

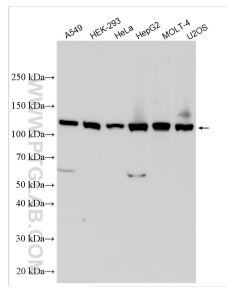
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 32923-1-AP (CHD1L antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 32923-1-PBS in a different storage buffer formulation.