

For Research Use Only

CHD3 Recombinant monoclonal antibody, PBS Only

Catalog Number:86077-2-PBS



Basic Information

Catalog Number:

86077-2-PBS

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_005852

GeneID (NCBI):

1107

UNIPROT ID:

Q12873

Full Name:

chromodomain helicase DNA binding protein 3

Calculated MW:

227 kDa

Observed MW:

250 kDa

Purification Method:

Protein A purification

CloneNo.:

250644A12

Applications

Tested Applications:

WB, IHC, IF/ICC, Indirect ELISA

Species Specificity:

human, mouse, rat

Background Information

CHD3, also named as Mi2 ALPHA or Zinc finger helicase, is a 2000 amino acid protein, which contains one helicase C-terminal domain, one helicase ATP-binding domain, and two chromo domain. CHD3 localizes in the nucleus and cytoplasm. CHD3 is widely expressed. CHD3 is a component of the histone deacetylase NuRD complex, which participates in the remodeling of chromatin by deacetylating histones. CHD3 is required for anchoring centrosomal pericentric in both interphase and mitosis.

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

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

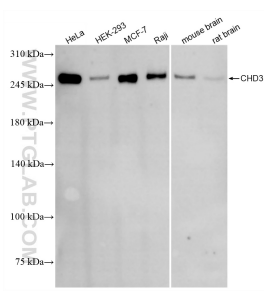
T: 4006900926

E: Proteintech-CN@ptglab.com

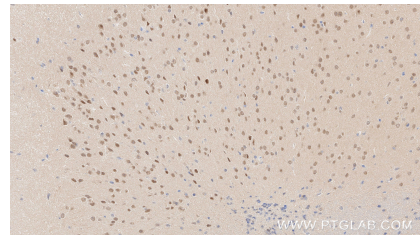
W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

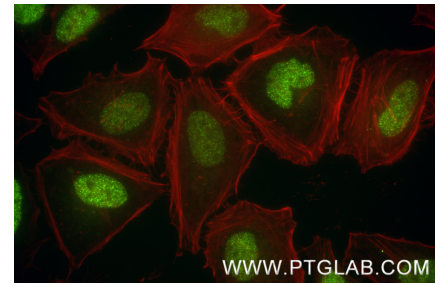
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86077-2-RR (CHD3 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86077-2-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 86077-2-RR (CHD3 antibody) at dilution of 1:1000 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 86077-2-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using CHD3 antibody (86077-2-RR, Clone: 250644A12) at dilution of 1:200 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red). This data was developed using the same antibody clone with 86077-2-PBS in a different storage buffer formulation.