

For Research Use Only

NDUFS6 Polyclonal antibody, PBS Only

Catalog Number: 14417-1-PBS



Basic Information

Catalog Number:

14417-1-PBS

Concentration:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG5762

GenBank Accession Number:

BC046155

GeneID (NCBI):

4726

UNIPROT ID:

O75380

Full Name:

NADH dehydrogenase (ubiquinone)

Fe-S protein 6, 13kDa (NADH-coenzyme Q reductase)

Calculated MW:

14 kDa

Observed MW:

13 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, IHC, IF/ICC, IP, Indirect ELISA

Species Specificity:

human, mouse, rat

Background Information

NDUFS6(NADH dehydrogenase [ubiquinone] iron-sulfur protein 6, mitochondrial) is also named as 1CI-13kD-A, NADH-ubiquinone oxidoreductase 13 kDa-A subunit and belongs to the complex I NDUFS6 subunit family. It is an accessory subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I), that is believed not to be involved in catalysis.

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:

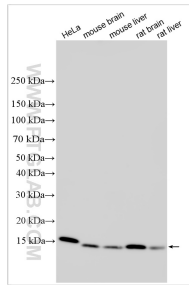
T: 4006900926

E: Proteintech-CN@ptglab.com

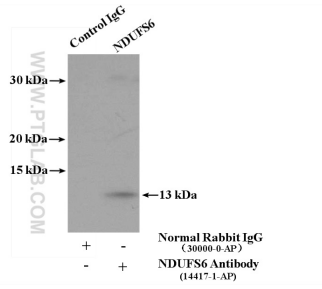
W: ptgcn.com

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

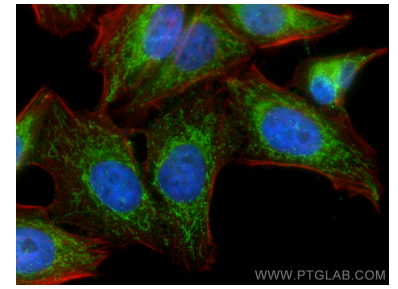
Selected Validation Data



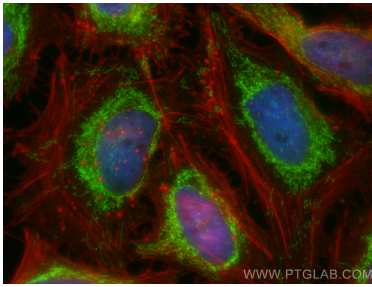
Various lysates were subjected to SDS PAGE followed by western blot with 14417-1-AP (NDUFS6 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 14417-1-PBS in a different storage buffer formulation.



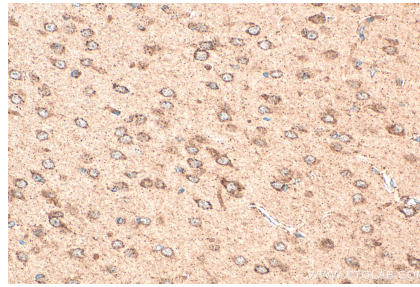
IP result of anti-NDUFS6 (IP:14417-1-AP, 4ug; Detection:14417-1-AP 1:300) with mouse liver tissue lysate 3200 ug. This data was developed using the same antibody clone with 14417-1-PBS in a different storage buffer formulation.



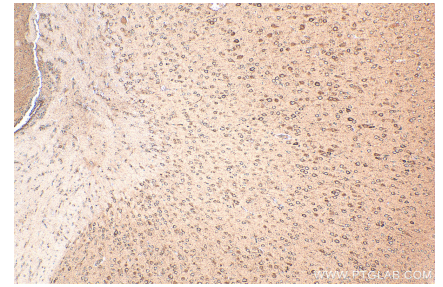
Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using NDUFS6 antibody (14417-1-AP) at dilution of 1:400 and Coralite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-Phalloidin (red). This data was developed using the same antibody clone with 14417-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using NDUFS6 antibody (14417-1-AP) at dilution of 1:800 and Coralite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red). This data was developed using the same antibody clone with 14417-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 14417-1-AP (NDUFS6 antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 14417-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 14417-1-AP (NDUFS6 antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 14417-1-PBS in a different storage buffer formulation.