

For Research Use Only

DCTN1/p150 glued Polyclonal antibody, PBS Only

Catalog Number: 55182-1-PBS

Featured Product



Basic Information

Catalog Number:

55182-1-PBS

Size:

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

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_004082

GeneID (NCBI):

1639

UNIPROT ID:

Q14203

Full Name:

dynactin 1 (p150, glued homolog, Drosophila)

Calculated MW:

142 kDa

Observed MW:

135 kDa, 150 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, IHC, IF/ICC, Indirect ELISA

Species Specificity:

human, canine

Background Information

DCTN1, also named as DAP-150, p150-glued and p135, belongs to the dynactin 150 kDa subunit family. It is required for the cytoplasmic dynein-driven retrograde movement of vesicles and organelles along microtubules. Dynein-dynactin interaction is a key component of the mechanism of axonal transport of vesicles and organelles. Defects in DCTN1 are the cause of distal hereditary motor neuropathy type 7B (HMN7B). This antibody is specific to DCTN1.

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS Only

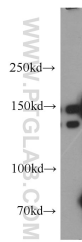
For technical support and original validation data for this product please contact:

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

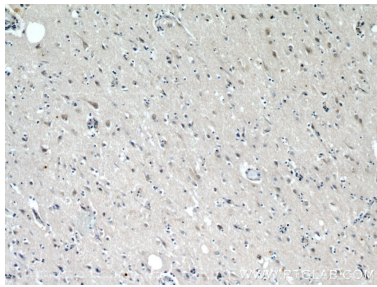
E: proteintech@ptglab.com
W: ptglab.com

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

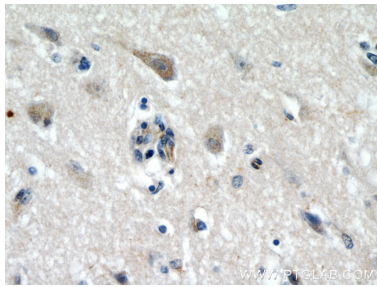
Selected Validation Data



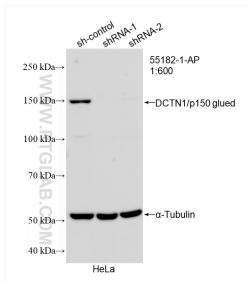
human brain tissue were subjected to SDS PAGE followed by western blot with 55182-1-AP (DCTN1 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 55182-1-PBS in a different storage buffer formulation.



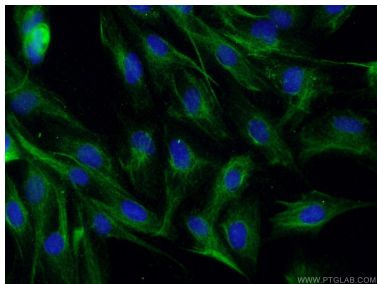
Immunohistochemical analysis of paraffin-embedded human brain using 55182-1-AP (DCTN1 antibody) at dilution of 1:50 (under 10x lens). This data was developed using the same antibody clone with 55182-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human brain using 55182-1-AP (DCTN1 antibody) at dilution of 1:50 (under 40x lens). This data was developed using the same antibody clone with 55182-1-PBS in a different storage buffer formulation.



WB result of DCTN1/p150 glued antibody (55182-1-AP; 1:600; incubated at room temperature for 1.5 hours) with sh-Control and sh-DCTN1/p150 glued transfected HeLa cells. This data was developed using the same antibody clone with 55182-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Ethanol) fixed MDCK cells using 55182-1-AP (p150 glued antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L). This data was developed using the same antibody clone with 55182-1-PBS in a different storage buffer formulation.