

For Research Use Only

HIP14; ZDHHC17 Polyclonal antibody

Catalog Number: 30022-1-AP



Basic Information

Catalog Number:

30022-1-AP

Size:

700 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG32654

GenBank Accession Number:

BC050324

GeneID (NCBI):

23390

UNIPROT ID:

Q8IUH5

Full Name:

zinc finger, DHHC-type containing 17

Calculated MW:

73 kDa

Observed MW:

70 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:3000

IF/ICC 1:50-1:500

Applications

Tested Applications:

WB, IF/ICC, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : A549 cells, HEK-293T cells, Raji cells, U-251 cells, mouse brain tissue, rat brain tissue

IF/ICC : U2OS cells,

Background Information

ZDHHC17 is a neuronal palmitoyl transferase. Post-translational modification by the lipid palmitate is crucial for the correct targeting and function of many proteins. Polyglutamine expansions of huntingtin protein are responsible for the Huntington neurological disorder. ZDHHC17 gene encodes palmitoyl transferase huntingtin interacting protein (HIP14) which regulates palmitoylation and distribution of huntingtin. The latter is implicated in the formation of inclusion bodies and enhanced neuronal toxicity. HIP14 was also shown to control neurotransmitter release.

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

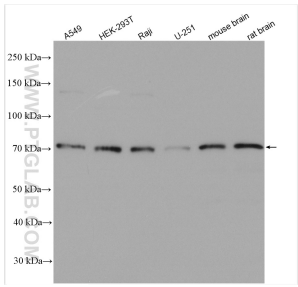
T: 4006900926

E: Proteintech-CN@ptglab.com

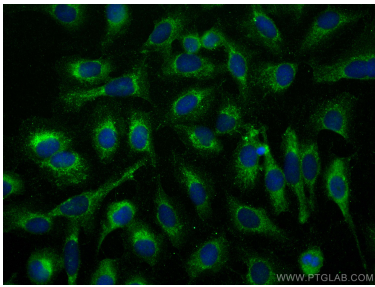
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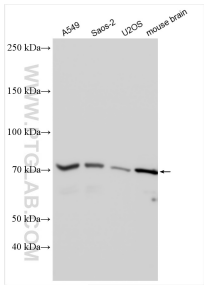
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 30022-1-AP (HIP14; ZDHHC17 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Methanol) fixed U2OS cells using HIP14; ZDHHC17 antibody (30022-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Various lysates were subjected to SDS PAGE followed by western blot with 30022-1-AP (HIP14; ZDHHC17 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.