

For Research Use Only

HIP14; ZDHHC17 Polyclonal antibody

Catalog Number: 30022-1-AP



Basic Information

Catalog Number: 30022-1-AP	GenBank Accession Number: BC050324	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 700 ug/ml by Nanodrop;	GeneID (NCBI): 23390	Recommended Dilutions: WB 1:500-1:3000 IF/ICC 1:50-1:500
Source: Rabbit	UNIPROT ID: Q8IUH5	
Isotype: IgG	Full Name: zinc finger, DHHC-type containing 17	
Immunogen Catalog Number: AG32654	Calculated MW: 73 kDa	
	Observed MW: 70 kDa	

Applications

Tested Applications: WB, IF/ICC, ELISA	Positive Controls:
Species Specificity: human, mouse, rat	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

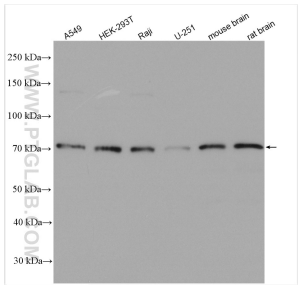
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

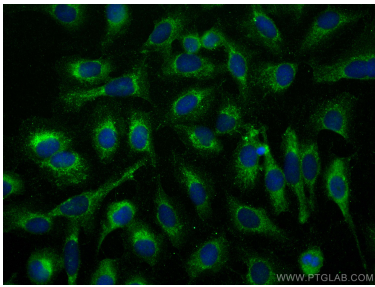
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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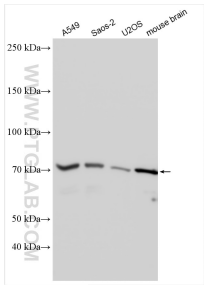
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 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.