

For Research Use Only

HIP14; ZDHHC17 Polyclonal antibody



Catalog Number: 15465-1-AP

2 Publications

Basic Information

Catalog Number: 15465-1-AP	GenBank Accession Number: BC050324	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 280 µg/ml by Nanodrop and 207 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 23390	Recommended Dilutions: WB 1:500-1:1000 IHC 1:20-1:200
Source: Rabbit	Full Name: zinc finger, DHHC-type containing 17	
Isotype: IgG	Calculated MW: 73 kDa	
Immunogen Catalog Number: AG7763	Observed MW: 70 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls: WB : Raji cells, human kidney tissue IHC : human testis tissue,
Cited Applications: IF, WB	
Species Specificity: human, mouse, rat	
Cited Species: human	
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

Background Information

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.

Notable Publications

Author	Pubmed ID	Journal	Application
Yun Luo	34700373	mBio	WB
Thaddeaus Mutugi Nthiga	33871553	J Cell Biol	IF, WB

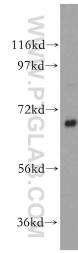
Storage

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

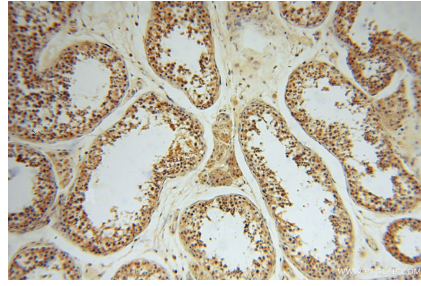
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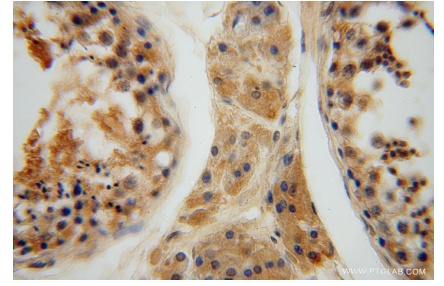
Selected Validation Data



Raji cells were subjected to SDS PAGE followed by western blot with 15465-1-AP (HIP14; ZDHHC17 antibody) at dilution of 1:400 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human testis using 15465-1-AP (HIP14; ZDHHC17 antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human testis using 15465-1-AP (HIP14; ZDHHC17 antibody) at dilution of 1:50 (under 40x lens).