

For Research Use Only

# HIP14; ZDHHC17 Polyclonal antibody, PBS Only

Catalog Number: 15465-1-PBS



## Basic Information

<b>Catalog Number:</b> 15465-1-PBS	<b>GenBank Accession Number:</b> BC050324	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 100ug , Concentration: 1mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 23390	
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q8IUH5	
<b>Isotype:</b> IgG	<b>Full Name:</b> zinc finger, DHHC-type containing 17	
<b>Immunogen Catalog Number:</b> AG7763	<b>Calculated MW:</b> 73 kDa	
	<b>Observed MW:</b> 70 kDa	

## Applications

**Tested Applications:**  
WB, IHC, ELISA

**Species Specificity:**  
human, mouse, rat

## 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.

## Storage

**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS only, pH7.3

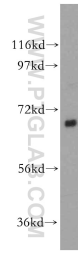
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free  
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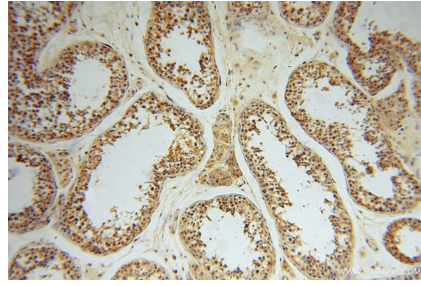
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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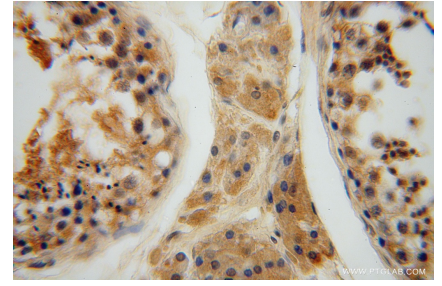
## Selected Validation Data



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. This data was developed using the same antibody clone with 15465-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human testis using 15465-1-AP (HIP14; ZDHHC17 antibody) at dilution of 1:50 (under 10x lens). This data was developed using the same antibody clone with 15465-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human testis using 15465-1-AP (HIP14; ZDHHC17 antibody) at dilution of 1:50 (under 40x lens). This data was developed using the same antibody clone with 15465-1-PBS in a different storage buffer formulation.