

Catalog Number: 15465-1-AP

Featured Product

4 Publications

## Basic Information

## Catalog Number:

15465-1-AP

## Size:

280 µg/ml

## Source:

Rabbit

## Isotype:

IgG

## Immunogen Catalog Number:

AG7763

## 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 1:500-1:1000

IHC 1:20-1:200

## Applications

## Tested Applications:

IHC, WB, ELISA

## Cited Applications:

WB, IF, IHC

## Species Specificity:

human, mouse, rat

## Cited Species:

human, mouse

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

## Positive Controls:

WB: Raji cells, human kidney tissue

IHC: human testis tissue,

## 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
Thaddeus Mutugi Nthiga	33871553	J Cell Biol	IF, WB
Shanmeizi Zhao	37769867	Mol Cell Endocrinol	IHC

## 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:

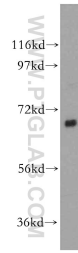
T: 4006900926

E: Proteintech-CN@ptglab.com

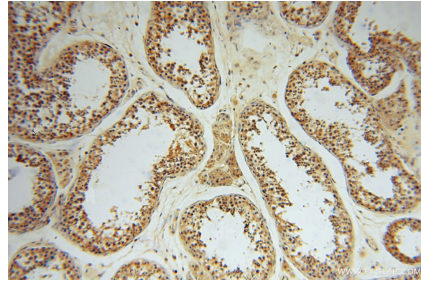
W: ptgcn.com

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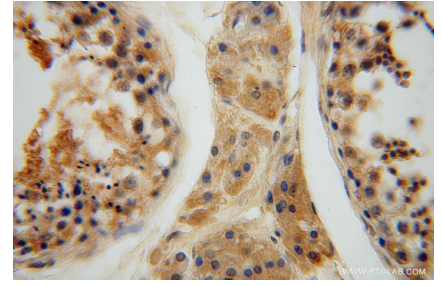
## Selected Validation Data



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.



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).