

For Research Use Only

PHF17 Polyclonal antibody

Catalog Number: 15032-1-AP

6 Publications



Basic Information

Catalog Number:

15032-1-AP

Concentration:

333 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG4290

GenBank Accession Number:

BC032376

GeneID (NCBI):

79960

UNIPROT ID:

Q6IE81

Full Name:

PHD finger protein 17

Calculated MW:

96 kDa

Observed MW:

58-61 kDa, 94-96 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB, IHC, IP, CoIP

Species Specificity:

human

Cited Species:

human, mouse

Positive Controls:

WB : HeLa cells, HEK-293 cells

Background Information

PHF17 was identified as a protein partner of the von Hippel-Lindau tumor suppressor pVHL. It is one component of the HBO1 complex which has a histone H4-specific acetyltransferase activity, a reduced activity toward histone H3 and is responsible for the bulk of histone H4 acetylation in vivo. It can act as a transcriptional coactivator that promote acetylation of nucleosomal histone H4 by KAT5. In addition, it ubiquitinates both phosphorylated and non-phosphorylated β -catenin and therefore regulates canonical Wnt signaling in both Wnt-off and Wnt-on phases. PHF17 exist several isoforms with molecular weight 100-110 and 55-65 kDa.

Notable Publications

| Author | Pubmed ID | Journal | Application |
|--------------|-----------|------------------|-------------|
| Kurt Farrell | 34719765 | Acta Neuropathol | WB, IHC, IP |
| Lori Borgal | 26919559 | Cell Cycle | WB |
| Lori Borgal | 25100726 | J Biol Chem | WB, IP |

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:

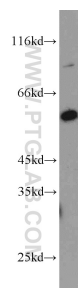
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

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Selected Validation Data



HeLa cells were subjected to SDS PAGE followed by western blot with 15032-1-AP (PHF17 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.