

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-PHF1



Numéro de catalogue: 15663-1-AP

2 Publications

Informations de base

Numéro de catalogue:

15663-1-AP

Taille:

150ul, Concentration: 1000 µg/ml by

Nanodrop;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG8094

Numéro d'acquisition GenBank:

BC008834

Identification du gène (NCBI):

5252

Nom complet:

PHD finger protein 1

MW calculé

567 aa, 62 kDa

MW observés:

62-70 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:1000-1:6000

Applications

Applications testées:

WB, ELISA

Demandes citées:

WB

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

Humain, souris

Contrôles positifs:

WB : cellules C2C12, cellules PC-12, tissu cardiaque de souris, tissu hépatique de souris

Informations générales

PHF1, also named as PHD finger protein 1, is a 567 amino acid protein, which contains 2 PHD-type zinc fingers and 1 Tudor domain and belongs to the Polycomblike family. Polycomb group (PcG) that specifically binds histone H3 trimethylated at 'Lys-36' (H3K36me3) and recruits the PRC2 complex. PHF1 involve in DNA damage response and is recruited at double-strand breaks (DSBs). PHF1 acts by binding to H3K36me3, a mark for transcriptional activation, and recruiting the PRC2 complex; it is however unclear whether recruitment of the PRC2 complex to H3K36me3 leads to enhance or inhibit H3K27me3 methylation mediated by the PRC2 complex. According to some reports, PRC2 recruitment by PHF1 promotes H3K27me3 and subsequent gene silencing by inducing spreading of PRC2 and H3K27me3 into H3K36me3. According to another report, PHF1 recruits the PRC2 complex at double-strand breaks (DSBs) and inhibits the activity of PRC2. PHF1 regulates p53/TP53 stability and prolongs its turnover: PHF1 may act by specifically binding to a methylated form of p53/TP53.

Publications notables

Autrice	Pubmed ID	Journal	Application
Ka-Wing Fong	36476474	Mol Cell	WB
Eric Conway	29628311	Mol Cell	WB

Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20°C

*** Les 20ul contiennent 0,1% de BSA.

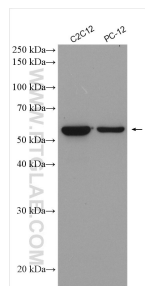
For technical support and original validation data for this product please contact:

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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Données de validation sélectionnées



Various lysates were subjected to SDS PAGE followed by western blot with 15663-1-AP (PHF1 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.