

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-FAT10



Numéro de catalogue: 13003-2-AP

Phare

10 Publications

Informations de base

Numéro de catalogue:

13003-2-AP

Taille:

150ul, Concentration: 500 µg/ml by Nanodrop;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG3680

Numéro d'acquisition GenBank:

BC012472

Identification du gène (NCBI):

10537

Nom complet:

ubiquitin D

MW calculé

165 aa, 18 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:500-1:2000

Applications

Applications testées:

WB, ELISA

Demandes citées:

IF, IHC, WB

Spécificité de l'espèce:

Humain

Espèces citées:

Humain, rat, souris

Contrôles positifs:

WB : TNF alpha and IFN gamma treated HepG2 cells,

Informations générales

FAT10, also named UBD, contains two ubiquitin-like domains. It is a ubiquitin-like protein modifier which can be covalently attached to target protein and subsequently leads to their degradation by the 26S proteasome, in a NUB1L-dependent manner. FAT10 also has important roles in cell mitosis, chromosome instability, apoptosis, and immune response. FAT10 mediates apoptosis in a caspase-dependent manner, especially in the renal epithelium and tubular cells during renal diseases such as polycystic kidney disease and Human immunodeficiency virus (HIV)-associated nephropathy (HIVAN). It promotes the expression of the proteasome subunit beta type-9 (PSMB9/LMP2). FAT10 regulates TNF-alpha-induced and LPS-mediated activation of the central mediator of innate immunity NF-kappa-B by promoting TNF-alpha-mediated proteasomal degradation of ubiquitinated-I-kappa-B-alpha. It may be involved in dendritic cell (DC) maturation, the process by which immature dendritic cells differentiate into fully competent antigen-presenting cells that initiate T-cell responses. FAT10 may be a marker for precancerous lesions and may promote cancer progression. This antibody is a rabbit polyclonal antibody raised against full-length FAT10 of human origin.

Publications notables

Autrice	Pubmed ID	Journal	Application
Masayuki Kimura	26558467	J Toxicol Sci	
Masayuki Kimura	26011634	J Appl Toxicol	IHC
Anuj Sehgal	27663963	Immunobiology	IF

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 -20C

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

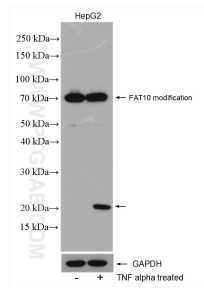
For technical support and original validation data for this product please contact:

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



TNF alpha and IFN gamma treated HepG2 cells were subjected to SDS PAGE followed by western blot with 13003-2-AP (FAT10 antibody) at dilution of 1:1000 and incubated at room temperature for 1.5 hours.