

For Research Use Only

OTUD3 Polyclonal antibody, PBS Only

Catalog Number: 29622-1-PBS

Featured Product



Basic Information

Catalog Number:

29622-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG30425

GenBank Accession Number:

NM_015207

GeneID (NCBI):

23252

UNIPROT ID:

Q5T2D3

Full Name:

OTU domain containing 3

Calculated MW:

45 kDa

Observed MW:

43 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human, mouse

Background Information

OTUD3 is a kind of deubiquitinating enzyme that hydrolyzes 'Lys-6'- and 'Lys-11'-linked polyubiquitin. It's an important regulator of energy metabolism. Glucose and fatty acids trigger its nuclear translocation by CBP-dependent acetylation. In the nucleus, deubiquitinates and stabilizes the nuclear receptor PPAR δ regulating the expression of various genes involved in glucose and lipid metabolism and oxidative phosphorylation. The calculated MW of OTUD3 is 45 kDa, 29622-1-AP can detect the band around 43 kDa. (PubMed:23827681, 35675826).

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS only, pH7.3

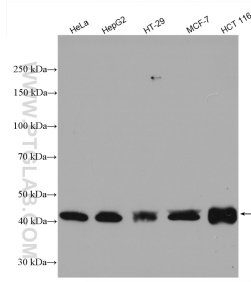
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

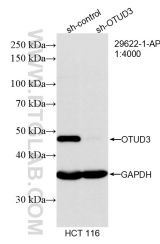
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 29622-1-AP (OTUD3 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 29622-1-PBS in a different storage buffer formulation.



WB result of OTUD3 antibody (29622-1-AP; 1:4000; incubated at room temperature for 1.5 hours) with sh-Control and sh-OTUD3 transfected HCT 116 cells. This data was developed using the same antibody clone with 29622-1-PBS in a different storage buffer formulation.