

For Research Use Only

ABHD15 Polyclonal antibody

Catalog Number: 22526-1-AP

Featured Product

2 Publications



Basic Information

Catalog Number: 22526-1-AP	GenBank Accession Number: BC012476	Purification Method: Antigen affinity purification
Size: 150ul, Concentration: 650 µg/ml by Nanodrop and 340 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 116236	Recommended Dilutions: WB 1:200-1:1000
Source: Rabbit	Full Name: abhydrolase domain containing 15	
Isotype: IgG	Calculated MW: 468 aa, 52 kDa	
Immunogen Catalog Number: AG18334	Observed MW: 52 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : mouse lung tissue, Transfected HEK-293 cells
Cited Applications: WB	
Species Specificity: human, mouse	
Cited Species: mouse	

Background Information

ABHD15 belongs to the α/β -hydrolase superfamily which consists of various lipases, esterases, and proteases that share an α/β fold as a common structural feature. ABHD15 is highly expressed in adipose tissues and is required for the anti-lipolytic action of INS in white adipose tissue (WAT). ABHD15 expression is decreased in humans with obesity and diabetes compared to humans with obesity and normal glucose tolerance, identifying ABHD15 as a potential therapeutic target to mitigate INS resistance (PMID: 29768196).

Notable Publications

Author	Pubmed ID	Journal	Application
Jacqueline Stöckli	31105056	Mol Metab	WB
Wenmin Xia	29768196	Cell Rep	WB

Storage

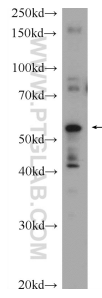
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% 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

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

Selected Validation Data



mouse lung tissue were subjected to SDS PAGE followed by western blot with 22526-1-AP (ABHD15 Antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.