

For Research Use Only

HSL Polyclonal antibody, PBS Only

Catalog Number:17333-1-PBS



Basic Information

Catalog Number: 17333-1-PBS	GenBank Accession Number: BC070041	Purification Method: Antigen affinity purification
Size: 1 mg/ml	GeneID (NCBI): 3991	
Source: Rabbit	UNIPROT ID: Q05469	
Isotype: IgG	Full Name: lipase, hormone-sensitive	
Immunogen Catalog Number: AG11360	Calculated MW: 117 kDa	
	Observed MW: 84 kDa	

Applications

Tested Applications:
WB, IHC, Indirect ELISA

Species Specificity:
human, mouse, pig

Background Information

Hormone sensitive lipase (HSL) belongs to the 'GDXG' lipolytic enzyme family. In adipose tissue and heart, it primarily hydrolyzes stored triglycerides to free fatty acids, while in steroidogenic tissues, it principally converts cholesteryl esters to free cholesterol for steroid hormone production. HSL has two isoforms with the molecular mass of 117 kDa and 84 kDa.

Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS Only

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

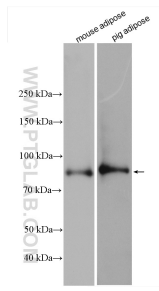
T: 4006900926

E: Proteintech-CN@ptglab.com

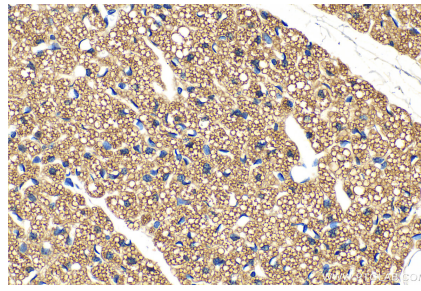
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 17333-1-AP (HSL antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 17333-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse brown adipose tissue slide using 17333-1-AP (HSL antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 17333-1-PBS in a different storage buffer formulation.