

## Anti-HSL Rabbit pAb



WL02643

For Research Use Only. Not For Use In Diagnostic Procedures

## Product Information

<b>Product name</b>	Anti-HSL Rabbit pAb		
<b>Source</b>	Rabbit		
<b>Species reactivity</b>	Human, Mouse, Rat		
<b>Tested applications</b>	WB	1:500-1:1000	
	IHC	1:200-1:600	
<b>Cellular localization</b>	Cell membrane. Membrane. Cytoplasm		
<b>Pack size</b>	50/100/200/500/1000µl		
<b>Storage</b>	Store at -20°C. <b>Avoid freeze/thaw cycles.</b>		
<b>Storage buffer</b>	Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 µg/ml BSA, 50% glycerol and less than 0.02% sodium azide		

## General Information

**Background**

HSL (hormone-sensitive lipase), a cytosolic neutral lipase regulated by reversible phosphorylation, catalyzes the rate limiting step in triglyceride lipolysis. Lipolytic stimuli activate adenylyl cyclase and thus increase intracellular cAMP levels, which in turn activate protein kinase A (PKA). HSL has been shown to express in several non-adipose tissues, including ovary, adrenal gland, heart, skeletal and smooth muscle, placenta, and pancreatic beta-cells, as well as testes. HSL has emerged as a potential target for lipid disorders and obesity.

**Immunogen**

Polyclonal antibody is produced by immunizing animals with a synthetic peptide of HSL.

**Purification**

Polyclonal antibody was purified by immunogen affinity chromatography.

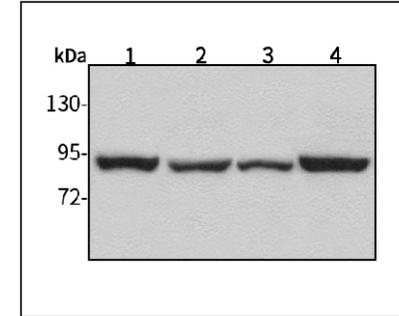
## Anti-HSL Rabbit pAb



WL02643

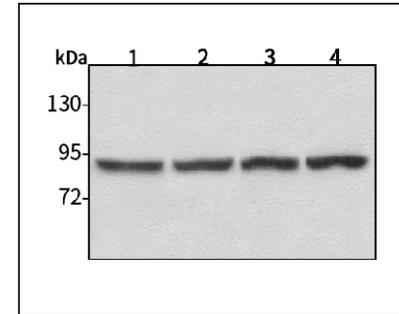
For Research Use Only. Not For Use In Diagnostic Procedures

## Product Images



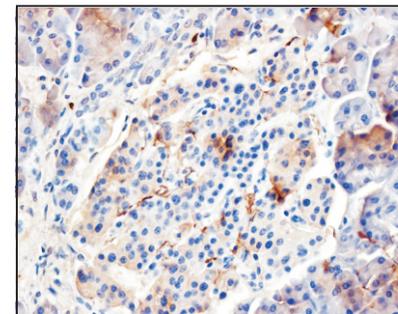
## Western blot-Anti-HSL pAb

Lane 1: Human HepG2 cell lysate  
 Lane 2: Human Hela cell lysate  
 Lane 3: Human BGC-823 cell lysate  
 Lane 4: Human MGC-803 cell lysate  
 All lanes: Anti-HSL at 1:1000 dilution  
 Lysates/proteins at 20-50 µg per lane.  
 Predicted band size: 117 kDa  
 Observed band size: 92 kDa



## Western blot-Anti-HSL pAb

Lane 1: Mouse kidney tissue lysate  
 Lane 2: Mouse heart tissue lysate  
 Lane 3: Rat brain tissue lysate  
 Lane 4: Rat stomach tissue lysate  
 All lanes: Anti-HSL at 1:1000 dilution  
 Lysates/proteins at 20-50 µg per lane.  
 Predicted band size: 117 kDa  
 Observed band size: 92 kDa



## Immunohistochemistry-Anti-HSL pAb

Immunohistochemical analysis of paraffin-embedded human pancreatic cancer using anti-HSL Rabbit Antibody at 1:300 dilution. Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0

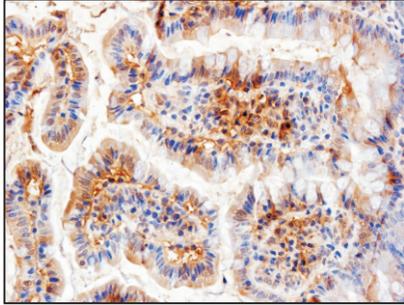
## Anti-HSL Rabbit pAb



WL02643

For Research Use Only. Not For Use In Diagnostic Procedures

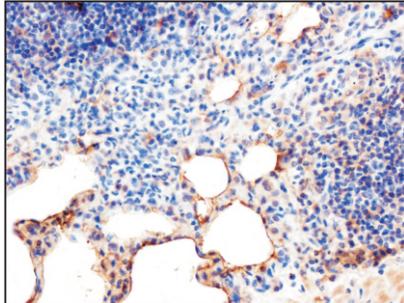
### Product Information



#### Immunohistochemistry-Anti-HSL pAb

Immunohistochemical analysis of paraffin-embedded rat colon using anti-HSL Rabbit Antibody at 1:300 dilution.

Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



#### Immunohistochemistry-Anti-HSL pAb

Immunohistochemical analysis of paraffin-embedded mouse lung using anti-HSL Rabbit Antibody at 1:300 dilution.

Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0