

## Anti-Phospho-HSL (Ser660) Polyclonal Antibody

### Product Details

Ig Type:	IgG
Reactivity:	(predicted:Mouse,Rat)
Molecular Weight:	Theoretical: 83 kDa.
Purification:	Protein A purified

### Applications

Application:	ELISA,IF,IHC-Fr,IHC-P,WB
Recommended	WB: 1:500-2000; IHC-P: 1:100-500; IHC-Fr: 1:100-500; IF: 1:100-500; ELISA: 1:5000-10000

### Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

### Antigen Details

Immunogen:	KLH conjugated synthesised phosphopeptide: mouse HSL around the phosphorylation site of Ser660
Antigen Species:	Mouse
Gene ID:	16890
Uniprot ID:	P54310
Synonyms:	p-HSL (Ser660);HSL (p-Ser660);HSL;Hormone sensitive lipase testicular isoform;Lipase hormone sensitive;HSL (p-S660);LHS;Hormone sensitive lipase;LIPE;p-HSL (S660)
Biology Area:	Metabolism of lipids and lipoproteins,Cholesterol Metabolism,Lipases,Cholesterol Metabolism, Lipases,Lipid metabolism,Cancer,Lipid metabolism

### Research Background

HSL/LIPE is found in adipose tissue and heart, where it primarily hydrolyzes stored triglycerides to free fatty acids. It is also found in steroidogenic tissues, where it principally converts cholesteryl esters to free cholesterol for steroid hormone production. There are two named isoforms.

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