bs-3358R **[Primary Antibody]**

Phospho-HSL (Ser660) Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 16890 **SWISS:** P54310

Target: Phospho-HSL (Ser660)

Immunogen: KLH conjugated synthesised phosphopeptide derived from mouse HSL around the phosphorylation site of Ser660: SK(p-S)HE.

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

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.

Applications: **WB** (1:500-2000)
IHC-P (1:100-500)
IHC-F (1:100-500)
IF (1:100-500)
ELISA (1:5000-10000)

Reactivity: (predicted: Mouse, Rat)

Predicted MW.: 83 kDa

Subcellular Location: Cell membrane ,Cytoplasm

SELECTED CITATIONS

- **[IF=4.8]** Huiling Hu. et al. Sestrin2 in POMC neurons modulates energy balance and obesity related metabolic disorders via mTOR signaling. J NUTR BIOCHEM. 2024 Nov;133:109703 WB ;Mouse. 39025457
- **[IF=4.486]** Chengqian Li. et al. Mutation of the novel acetylation site at K414R of BECN1 is involved in adipocyte differentiation and lipolysis. 2021 Jun 04 WB ;Human. 34085745