

## HSL Antibody

**Subcategory:** Rabbit Polyclonal Antibody

**Cat. No.:** 250698

**Unit:** 0.1 mg

**Description:**

HSL ( hormone-sensitive lipase ) is an enzyme involved in the hydrolysis of stored triglycerides and fatty acids, and is important for regulation of energy homeostasis. It has a long and a short form, generated by use of alternative translational start codons. The long form is expressed in steroidogenic tissues such as testis, where it converts cholesteryl esters to free cholesterol for steroid hormone production. The short form is expressed in adipose tissue, among others, where it hydrolyzes stored triglycerides to free fatty acids.

**Isotype:** Rabbit Ig

**Applications:** E, WB, IHC

**Species Reactivity:** R, Ds

**Format:** Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

**Alternate Names:** Hormone-sensitive lipase; HSL; LIPE

**Accession No.:** Q05469

**Antigen:** KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of rat HSL.

**Application Notes:** E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:100-1:500

**Storage:** Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

**Product Citations:** Wang J et al. 2012. Elsevier. Livestock Science. 148(1-2):119-128. Low protein diet up-regulate intramuscular lipogenic gene expression and down-regulate lipolytic gene expression in growth-finishing pigs.

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