



Hormone Sensitive Lipase (HSL)

Catalog number

H7021-84

Supplier

United States Biological

Hormone-sensitive lipase (HSL) is an intracellular neutral lipase found in a variety of tissues, but primarily in adipose and steroidogenic tissues. It hydrolyzes triglycerides and cholesteryl esters. It is the major enzyme responsible for the mobilization of free fatty acids from adipose tissue.

Applications

Suitable for use in Western Blot. Other applications not tested.

Recommended Dilution

Optimal dilutions to be determined by the researcher.

Storage and Stability

May be stored at 4°C for short-term only. For long-term storage and to avoid repeated freezing and thawing, aliquot. Store at -20°C. Aliquots are stable for at least 12 months at -20°C. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Further dilutions can be made in assay buffer.

Immunogen

A fusion protein containing an internal portion of the rat HSL protein (between residues 699-908). [Swiss-Prot P15304].

Formulation

PBS containing 1 mg/ml BSA

Purity

Purified

Specificity

This antibody is specific for hormone-sensitive lipase protein.

Product Type

Pab

Source

rat

Isotype

IgG

Grade

Purified



Applications

WB

Crossreactivity

Rt

Storage

-20°C

Reference

1. Kraemer, FB, et al. Detection of hormone-sensitive lipase in various tissues. I. Expression of an HSL/bacterial fusion protein and generation of anti-HSL antibodies. J. Lipid Res. 34: 663-671 (1993) [Western Blot, Rat]