HSL (Phospho-S853) polyclonal antibody

Catalog: BS94037 Host: Rabbit Reactivity: Human, Mouse, Rat

BackGround:

HSL (hormone-sensitive lipase), a cytosolic neutral lipase regulated by reversible phosphorylation, catalyzes the rate limiting step in triglyceride lipolysis. HSL hydrolyzes stored triglycerides to free fatty acids in adipose and heart tissues. In organs with steroidogenic tissues, such as small intestine, HSL converts cholesteryl esters to free cholesterol for steroid hormone production. HSL is highly expressed in jejunal enterocytes and in the mucosa of the small intestine. Two major isoforms of HSL have been described resulting from the use of alternative translational start codons. The short isoform is expressed in adipose tissue while the long isoform is expressed in steroidogenic tissues such as testis. The long isoform, often referred to as testicular HSL contains an N-terminus of approximately 300 amino acids not present in the short isoform of HSL.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

84 kDa

Swiss-Prot:

Q05469(Human) Q6NSL7(Human) P54310(Mouse) P15304(Rat)

Purification&Purity:

ProA affinity purified

Applications:

WB:1:1,000-1:5,000

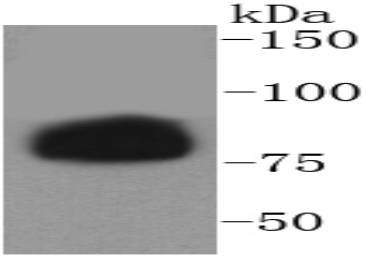
Storage&Stability:

Store at +4℃ after thawing. Aliquot store at -20℃ or -80℃. Avoid repeated freeze / thaw cycles.

Specificity:

HSL (Phospho-S853) polyclonal antibody detects endogenous levels of HSL protein only when phosphorylated at S853.

DATA:



Western blot analysis of phospho -Hormone sensitive lipase (S853) on human skeletal muscle lysates using anti- phospho -Hormone sensitive lipase (S853) antibody at 1/1,000 dilution.

Note:

For research use only, not for use in diagnostic procedure.

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