Anti-Phospho-Hormone Sensitive Lipase (Ser855) Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

Catalog # R012830

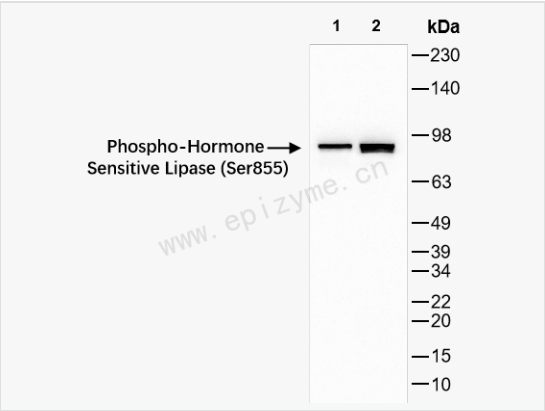
Product Information

Application	WB, ELISA
Reactivity	Human
Dilution	WB 1:1,000~1:2,000
Host	Rabbit
Clonality	Monoclonal
Clone No.	70K27M52
Isotype	IgG
Label	Unconjugated
Immunogen	A synthetic phosphopeptide corresponding to residues surrounding Ser855 of human Hormone sensitive lipase/HSL
Format	Affinity purified monoclonal antibody supplied in PBS with 0.02% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-Phospho-Hormone Sensitive Lipase (Ser855) Rabbit mAb [70K27M52] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	Hormone sensitive lipase; Hormone sensitive lipase testicular isoform; HSL; LHS; Lipase hormone sensitive; LIPE.
Calculated MW	Calculated MW: 117 kDa; Observed MW: 83 kDa
Uniprot ID	Q05469
Gene ID	3991
Background	The protein encoded by this gene 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. [provided by RefSeq, Jul 2008]
Cellular Location	Cell membrane Membrane Caveola Cytoplasm Cytosol Lipid droplet Found in the high-density caveolae. Translocates to the cytoplasm from the caveolae upon insulin stimulation (PubMed:17026959). Phosphorylation by AMPK reduces its translocation towards the lipid droplets (By similarity).
Tissue Location	Testis.

Validation Images



Western Blot - Anti-Phospho-Hormone Sensitive Lipase (Ser855) Rabbit mAb [70K27M52]
All lanes: R012830 at 1:3,000 dilution
Lane 1: U87 (Human malignant glioblastoma epithelial cells) whole cell lysates
Lane 2: SH-SY5Y (Human neuroblastoma epithelial cell) whole cell lysates
Lysates/proteins at 10 µg per lane.
Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP Conjugated (Cat. No. LF102) at 1:5,000 dilution
Predicted band size: 117 kDa
Observed band size: 83 kDa
Developed using the ECL technique (Cat. No. SQ201).