Gastric Lipase (H-70): sc-67268



The Power to Overtin

BACKGROUND

The lipase gene family belongs to one of the most robust genetic superfamilies found in living organisms, which includes esterases and thioesterases. The AB hydrolase subfamily plays a crucial role in the metabolism of lipids. Members of this family include Hepatic Lipase (HL), Endothelial Lipase (EL), Lipoprotein Lipase (LPL), Pancreatic Lipase (PL), Gastric Lipase (GL), LCAT and Lysosomal Acid Lipase (LAL). Gastric Lipase is a 379 amino acid protein that is highly homologus to LAL and is involved in the digestion of dietary triglycerides in the gastrointestinal tract, especially in individuals with pancreatic lipase deficiencies. Gastric Lipase is secreted by the fundic mucosa of the stomach and, under acidic pH conditions, it hydrolyzes the ester bonds of triglycerides.

REFERENCES

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CHROMOSOMAL LOCATION

Genetic locus: LIPF (human) mapping to 10q23.31; Lipf (mouse) mapping to 19 C1.

RESEARCH USE

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

SOURCE

Gastric Lipase (H-70) is a rabbit polyclonal antibody raised against amino acids 291-360 mapping near the C-terminus of Gastric Lipase of human origin.

PRODUCT

Each vial contains 200 μg IgG in 1.0 ml of PBS with < 0.1% sodium azide and 0.1% gelatin.

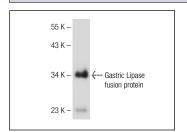
APPLICATIONS

Gastric Lipase (H-70) is recommended for detection of Gastric Lipase of human and, to a lesser extent, mouse and rat origin by Western Blotting (starting dilution 1:200, dilution range 1:100-1:1000), immunoprecipitation [1-2 µg per 100-500 µg of total protein (1 ml of cell lysate)], immunofluorescence (starting dilution 1:50, dilution range 1:50-1:500) and solid phase ELISA (starting dilution 1:30, dilution range 1:30-1:3000).

Suitable for use as control antibody for Gastric Lipase siRNA (h): sc-60673, Gastric Lipase siRNA (m): sc-60674, Gastric Lipase shRNA Plasmid (h): sc-60673-SH, Gastric Lipase shRNA Plasmid (m): sc-60674-SH, Gastric Lipase shRNA (h) Lentiviral Particles: sc-60673-V and Gastric Lipase shRNA (m) Lentiviral Particles: sc-60674-V.

Molecular Weight of Gastric Lipase: 43 kDa.

DATA



Gastric Lipase (H-70): sc-67268. Western blot analysis of human recombinant Gastric Lipase fusion protein.

STORAGE

Store at 4° C, **DO NOT FREEZE**. Stable for one year from the date of shipment. Non-hazardous. No MSDS required.

PROTOCOLS

See our web site at www.scbt.com or our catalog for detailed protocols and support products.



Try **Gastric Lipase (H-1): sc-390750** or **Gastric Lipase (H-8): sc-390749**, our highly recommended monoclonal aternatives to Gastric Lipase (H-70).

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