

apoL-VI (h2): 293T Lysate: sc-116232

BACKGROUND

The apolipoprotein L gene family maps to a region on chromosome 22 and encodes six highly homologous proteins, designated apoL-I, apoL-II, apoL-III, apoL-IV, apoL-V and apoL-VI, all of which function as components of plasma lipoproteins. ApoL-VI (Apolipoprotein L-VI), also known as APOL6, is a 343 amino acid protein that localizes to the cytoplasm and belongs to the apolipoprotein L family. Expressed in a variety of tissues, including liver, heart, uterus, spleen, colon, spinal cord, placenta, prostate and mammary gland, apoL-VI is thought to affect the movement of lipids in the cytoplasm and may allow the binding of lipids to organelles. Overproduction of apoL-VI induces apoptosis, suggesting that apoL-VI may also be involved in tumor progression. Like other members of the apolipoprotein L family, apoL-VI is thought to be involved in the development of schizophrenia.

REFERENCES

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CHROMOSOMAL LOCATION

Genetic locus: APOL6 (human) mapping to 22q12.3.

PRODUCT

apoL-VI (h2): 293T Lysate represents a lysate of human apoL-VI transfected 293T cells and is provided as 100 µg protein in 200 µl SDS-PAGE buffer.

STORAGE

Store at -20° C. Repeated freezing and thawing should be minimized. Sample vial should be boiled once prior to use. Non-hazardous. No MSDS required.

RESEARCH USE

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

APPLICATIONS

apoL-VI (h2): 293T Lysate is suitable as a Western Blotting positive control for human reactive apoL-VI antibodies. Recommended use: 10-20 µl per lane.

Control 293T Lysate: sc-117752 is available as a Western Blotting negative control lysate derived from non-transfected 293T cells.

PROTOCOLS

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