

APOC3 Rabbit Polyclonal Antibody



CAB1409

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

11kDa

Calculated MW:

10kDa

Applications:

WB IHC

Reactivity:

Human, Mouse, Rat

Protein Background

Apolipoprotein C-III is a very low density lipoprotein (VLDL) protein. APOC3 inhibits lipoprotein lipase and hepatic lipase; it is thought to delay catabolism of triglyceride-rich particles. The APOA1, APOC3 and APOA4 genes are closely linked in both rat and human genomes. The A-I and A-IV genes are transcribed from the same strand, while the A-1 and C-III genes are convergently transcribed. An increase in apoC-III levels induces the development of hypertriglyceridemia.

Immunogen information

Gene ID:

345

Uniprot

P02656

Synonyms:

APOC3; APOCIII; HALP2

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000 IHC

1:100 - 1:200

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

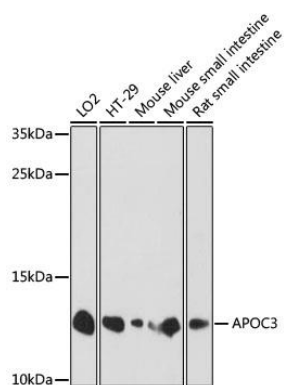
Immunogen:

A synthetic peptide corresponding to a sequence within amino acids 1-99 of human APOC3 (NP_000031.1).

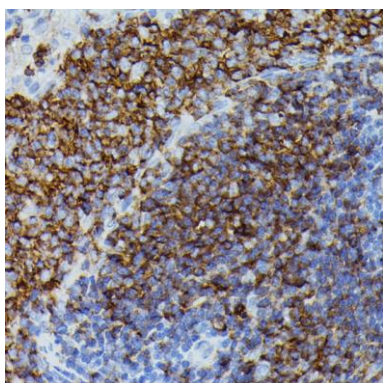
Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

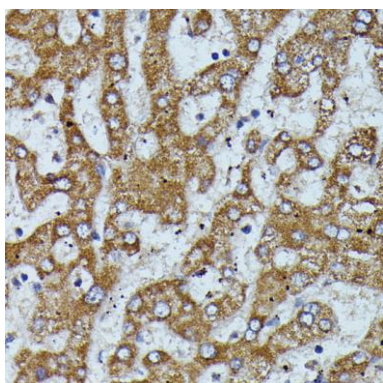
Product Images



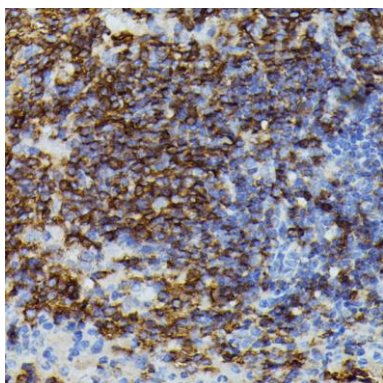
Western blot analysis of extracts of various cell lines, using APOC3 antibody (CAB1409) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 30s.



Immunohistochemistry of paraffin-embedded rat spleen using APOC3 antibody (CAB1409) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded human liver using APOC3 antibody (CAB1409) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse spleen using APOC3 antibody (CAB1409) at dilution of 1:100 (40x lens).