

Ketone Bodies

- Therefore, the liver converts the excess acetyl-CoA into three other important metabolites which together are known as the ketone bodies.

Ketone Bodies

- Acetoacetate
- Acetone
- Beta-hydroxybutyrate

Ketogenesis

- Ketone bodies are produced by a process termed ketogenesis.
- Ketones are important sources of fuel and energy for peripheral tissues, including brain, heart and skeletal muscle.
- Under normal conditions, the brain uses glucose as its source of metabolic fuel.
- However, during periods of starvation, the brain will use ketone bodies as its major source of energy.

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