

## OXCT1

**Reactivity:** Human Mouse Rat

**Tested applications:** WB IHC

**Recommended Dilution:** WB 1:500 - 1:2000 IHC 1:50 - 1:100

**Calculated MW:** 56kDa

**Observed MW:** Refer to figures

**Immunogen:**

Recombinant protein of human OXCT1

**Storage Buffer:**

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

**Synonym:**

OXCT; SCOT;

**Catalog #:** A8139

**Antibody Type:**

Polyclonal Antibody

**Species:** Rabbit

**Gene ID:** 5019

**Isotype:** IgG

**Swiss Prot:** P55809

**Purity:** Affinity purification

For research use only.

**Background:**

This gene encodes a member of the 3-oxoacid CoA-transferase gene family. The encoded protein is a homodimeric mitochondrial matrix enzyme that plays a central role in extrahepatic ketone body catabolism by catalyzing the reversible transfer of coenzyme A from succinyl-CoA to acetoacetate. Mutations in this gene are associated with succinyl CoA:3-oxoacid CoA transferase deficiency.

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