

[KO Validated] OXCT1 Rabbit Polyclonal Antibody

CAB8139



Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

56kDa

Calculated MW:

13kDa/56kDa

Applications:

WB IHC

Reactivity:

Human, Mouse, Rat

Protein 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.

Immunogen information

Gene ID:

5019

Uniprot

P55809

Synonyms:

OXCT1; OXCT; SCOT

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000 IHC 1:50 - 1:100

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

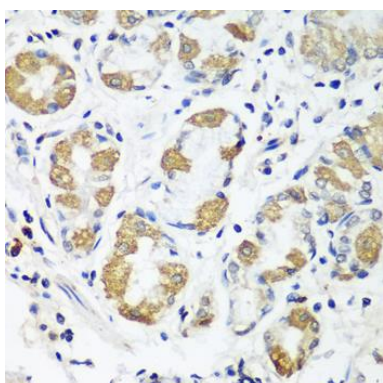
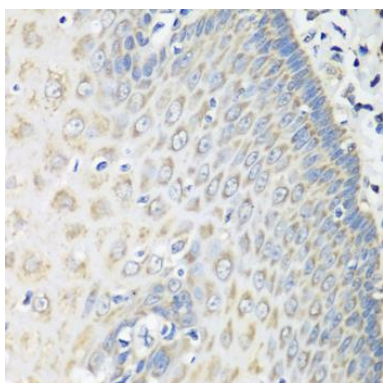
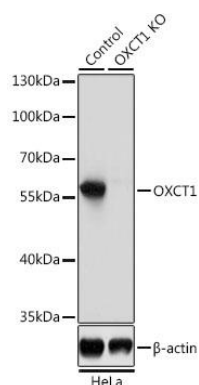
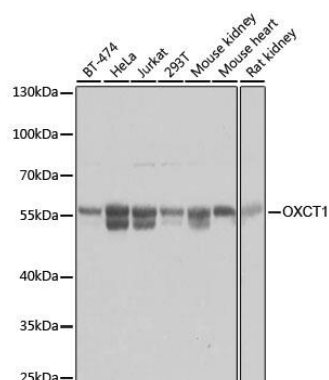
Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 261-520 of human OXCT1 (NP_000427.1).

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 OXCT1 antibody (CAB8139) at 1:3000 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: 1s.

Western blot analysis of extracts from normal (control) and OXCT1 knockout (KO) HeLa cells, using OXCT1 antibody (CAB8139) at 1:3000 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: 1s.

Immunohistochemistry of paraffin-embedded human esophagus using OXCT1 antibody (CAB8139) at dilution of 1:100 (40x lens).

Immunohistochemistry of paraffin-embedded human stomach using OXCT1 antibody (CAB8139) at dilution of 1:100 (40x lens).