

Rabbit OXCT1 Polyclonal Antibody | anti-OXCT1 antibody

OXCT1 Polyclonal Antibody

CATALOG # AAA280623	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot
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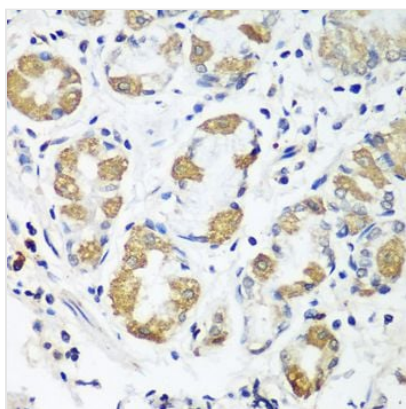
PRODUCT SYNONYMS

OXCT1; Polyclonal Antibody; OXCT1 Polyclonal Antibody; anti-OXCT1 antibody

PRODUCT SPECIFICATIONS

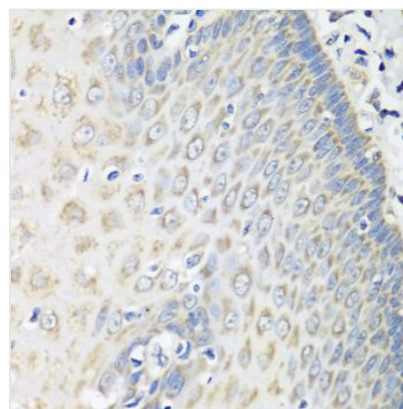
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Sequence Length	520
Applicable Applications for anti-OXCT1 antibody	WB (Western Blot)
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human OXCT1
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

IMAGES



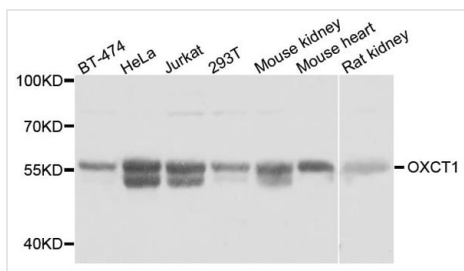
IHC (Immunohistochemistry)

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



IHC (Immunohistochemistry)

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



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using OXCT1 antibody at 1:3000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 1s.

ADDITIONAL INFORMATION

Related Product Information for anti-OXCT1 antibody

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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557817
NCBI GeneID	5019
NCBI Accession #	NP_000427.1
NCBI GenBank Nucleotide #	NM_000436.3
UniProt Accession #	P55809; B2R5V2; B7Z528
Molecular Weight	56kDa
NCBI Official Full Name	succinyl-CoA:3-ketoacid coenzyme A transferase 1, mitochondrial
NCBI Official Synonym Full Names	3-oxoacid CoA transferase 1
NCBI Official Symbol	OXCT1
NCBI Official Synonym Symbols	OXCT; SCOT
NCBI Protein Information	succinyl-CoA:3-ketoacid coenzyme A transferase 1, mitochondrial
UniProt Protein Name	Succinyl-CoA:3-ketoacid coenzyme A transferase 1, mitochondrial
UniProt Gene Name	OXCT1
UniProt Synonym Gene Names	OXCT; SCOT; SCOT-s
UniProt Entry Name	SCOT1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/polyclonal/oxct1-antibody-western-blot-elisa/280623>