

Rabbit anti-Human, Mouse OXCT1 Polyclonal Antibody | anti-OXCT1 antibody

Rabbit anti-OXCT1 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA213313	Rabbit	Human, Mouse	Immunoprecipitation, Western Blot

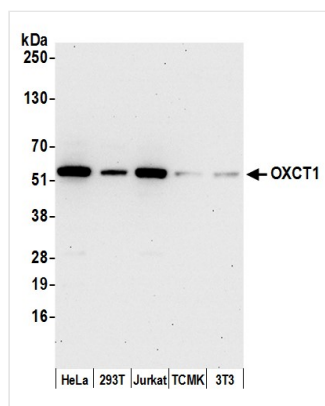
PRODUCT SYNONYMS

OXCT1; Polyclonal Antibody; Rabbit anti-OXCT1 Antibody; Affinity Purified; OXCT; succinyl-CoA:3-ketoacid-CoA transferase; succinyl-CoA:3-ketoacid coenzyme A transferase 1; mitochondrial; succinyl CoA:3-oxoacid CoA transferase; somatic-type succinyl-CoA:3-oxoacid CoA-transferase; SCOT; epididymis secretory sperm binding protein; 3-oxoacid CoA-transferase 1; 3-oxoacid CoA transferase; SCOT-s; Succinyl-CoA:3-ketoacid coenzyme A transferase 1; anti-OXCT1 antibody

PRODUCT SPECIFICATIONS

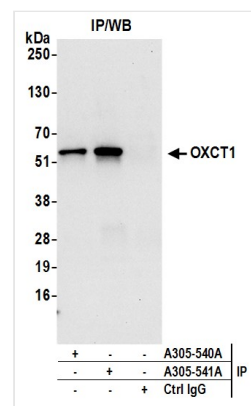
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-OXCT1 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 470 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human and mouse OXCT1 by western blot. Samples: Whole cell lysate (15 ug) from HeLa, HEK293T, Jurkat, mouse TCMK-1, and mouse NIH 3T3 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-OXCT1 antibody AAA213313 (lot AAA213313-1) used for WB at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IP (Immunoprecipitation)

Detection of human OXCT1 by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from 293T cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-OXCT1 antibody AAA213313 (lot AAA213313-1) used for IP at 6 ug per reaction. OXCT1 was also immunoprecipitated by rabbit anti-OXCT1 antibody For blotting immunoprecipitated OXCT1, AAA213313 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-OXCT1 antibody	OXCT1 is a key enzyme for ketone body catabolism. OXCT1 transfers the CoA moiety from succinate to acetoacetate. Formation of the enzyme-CoA intermediate proceeds via an unstable anhydride species formed between the carboxylate groups of the enzyme and substrate [taken from the Universal Protein Resource (UniProt) www.uniprot.org/uniprot/P55809].
Product Categories/Family for anti-OXCT1 antibody	Primary Antibodies

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	13,358 Da
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

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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/oxct1-antibody-immunoprecipitation-western-blot-elisa/213313>