

Product datasheet for **TA350257**

OXCT1 Rabbit Polyclonal Antibody

Product data:

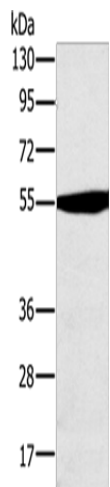
Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 500-2000 WB positive control: Hela cells
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human OXCT1
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	56 kDa
Gene Name:	3-oxoacid CoA-transferase 1
Database Link:	NP_000427 Entrez Gene 67041 MouseEntrez Gene 690163 RatEntrez Gene 5019 Human P55809
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.
Synonyms:	OXCT; SCOT



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Protein Pathways: Butanoate metabolism, Synthesis and degradation of ketone bodies, Valine, leucine and isoleucine degradation

Product images:



Gel: 8%SDS-PAGE
Lysate: 40 μ g
Lane: HeLa cells
Primary antibody: TA350257 (OXCT1 Antibody) at dilution 1/300
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution
Exposure time: 10 seconds