

OXCT1 antibody

Product Information

Catalog No.:	FNab09880
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

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.

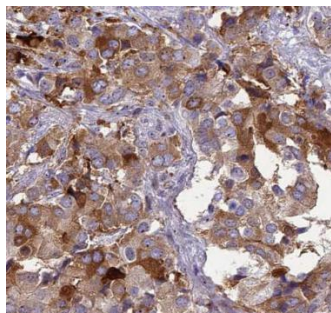
Immunogen information

Immunogen:	3-oxoacid CoA transferase 1
Synonyms:	Succinyl-CoA:3-ketoacid coenzyme A transferase 1, mitochondrial (SCOT) 3-oxoacid CoA-transferase 1 Somatic-type succinyl-CoA:3-oxoacid CoA-transferase (SCOT-s) Succinyl-CoA:3-oxoacid CoA transferase OXCT1 OXCT SCOT
Observed MW:	56 kDa
Uniprot ID :	P55809

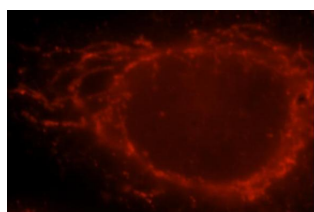
Application

Reactivity:	Human, Mouse, Rat
Tested Application:	ELISA, WB, IHC, IF, IP
Recommended dilution:	WB: 1:1000-1:4000; IP: 1:500-1:2000; IHC: 1:50-1:500; IF: 1:10-1:100

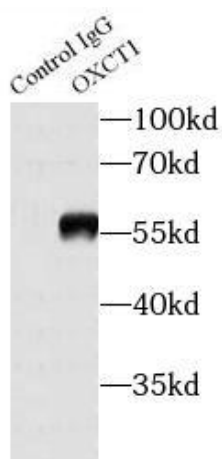
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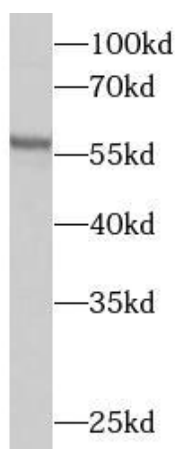
Immunohistochemistry of paraffin-embedded human prostate cancer using FNab09880(OXCT1 Antibody) at dilution of 1:200



Immunofluorescent analysis of MCF-7 cells, using OXCT1 antibody FNab09880 at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).



IP Result of anti-OXCT1 (IP: FNab09880, 4ug; Detection: FNab09880 1:1000) with mouse brain tissue lysate 4000ug.



Hela cells were subjected to SDS PAGE followed by western blot with FNab09880(OXCT1 antibody) at dilution of 1:1000