

ARG45324 anti-OXCT2 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Polyclonal antibody recognizes OXCT2
Tested Reactivity	Hu, Ms
Tested Application	FACS, ICC/IF, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Target Name	OXCT2
Species	Human
Immunogen	Recombinant protein containing to human OXCT2.
Conjugation	Un-conjugated
Alternate Names	OXCT2; 3-Oxoacid CoA-Transferase 2; FKSG25; SCOT-T; Succinyl-CoA:3-Ketoacid Coenzyme A Transferase 2, Mitochondrial; 3-Oxoacid CoA-Transferase 2A; EC 2.8.3.5 47; FLJ00030; Testis-Specific Succinyl CoA:3-Oxoacid CoA-Transferase; Testis-Specific Succinyl-CoA:3-Oxoacid CoA-Transferase; EC 2.8.3 47; SCOTT

Application Instructions

Application table	Application	Dilution
	FACS	1 - 3 µg/10 ⁶ cells
	ICC/IF	5 µg/ml
	IHC-P	2-5 µg/ml
	WB	0.1-0.25 µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Observed Size	56 kDa	

Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	0.2% Na ₂ HPO ₄ , 0.9% NaCl and 4% Trehalose.
Stabilizer	4% Trehalose
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated

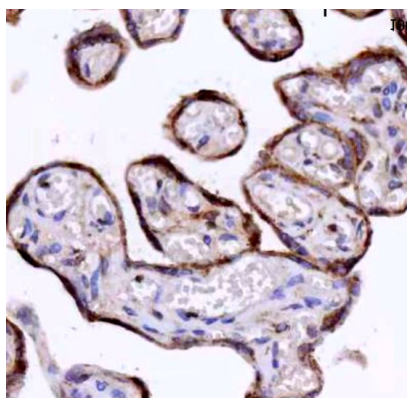
freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

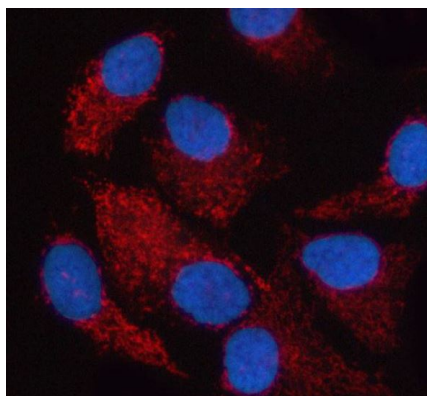
Gene Symbol	OXCT2
Gene Full Name	3-Oxoacid CoA-Transferase 2
Background	The protein encoded by this gene catalyzes the transfer of a CoA group from succinate to acetoacetate and is an important enzyme in ketone body catabolism. The encoded protein localizes to the mitochondrion. This gene is intronless, and a pseudogene of this gene is located elsewhere on chromosome 1. [provided by RefSeq, Aug 2016]
Function	Key enzyme for ketone body catabolism. 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 . [UniProt]
Calculated Mw	56 kDa
Cellular Localization	Mitochondrion. [UniProt]

Images



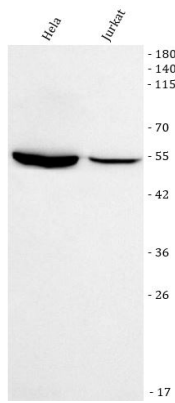
ARG45324 anti-OXCT2 antibody IHC-P image

Immunohistochemistry: Human placenta stained with ARG45324 anti-OXCT2 antibody at 2 µg/ml dilution.



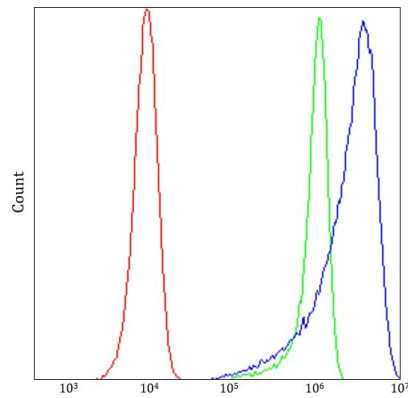
ARG45324 anti-OXCT2 antibody ICC/IF image

Immunofluorescence: HeLa stained with ARG45324 anti-OXCT2 antibody at 5 µg/ml dilution.



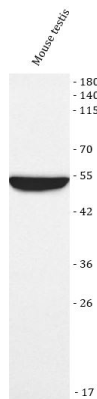
ARG45324 anti-OXCT2 antibody WB image

Western blot: HeLa and Jurkat stained with ARG45324 anti-OXCT2 antibody at 0.5 µg/ml dilution.



ARG45324 anti-OXCT2 antibody FACS image

Flow Cytometry: HeLa stained with ARG45324 anti-OXCT2 antibody at 1 µg/10⁶ cells dilution.



ARG45324 anti-OXCT2 antibody WB image

Western blot: Mouse testis stained with ARG45324 anti-OXCT2 antibody at 0.5 µg/ml dilution.