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anti-OXCT2 antibody (Middle Region)

2 Images



Publication



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Overview	
Quantity:	100 μL
Target:	OXCT2
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Cow, Guinea Pig, Saccharomyces cerevisiae, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OXCT2 antibody is un-conjugated
Application:	Western Blotting (WB)
Product Details	

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human OXCT2	
Sequence:	GIPLLASNFI SPSMTVHLHS ENGILGLGPF PTEDEVDADL INAGKQTVTV	
Predicted Reactivity:	Cow: 100%, Guinea Pig: 100%, Human: 100%, Mouse: 100%, Rat: 100%, Yeast: 85%, Zebrafish: 86%	
Characteristics:	This is a rabbit polyclonal antibody against OXCT2. It was validated on Western Blot using a cell lysate as a positive control.	
Purification:	Affinity Purified	

Target Details

Target: OXCT2

Target Details

Alternative Name:	OXCT2 (OXCT2 Products)	
Background:	OXCT2 is a testis-specific succinyl-CoA:3-oxoacid CoA transferase (EC 2.8.3.5), which catalyzes	
	the reversible transferof CoA from succinyl-CoA to acetoacetate in the first step of ketone body	
	utilization.OXCT2 is a testis-specific succinyl-CoA:3-oxoacid CoA transferase (EC 2.8.3.5),	
	which catalyzes the reversible transfer of CoA from succinyl-CoA to acetoacetate in the first	
	step of ketone body utilization. See also OXCT1 (MIM 601424).[supplied by OMIM].	
	Alias Symbols: FKSG25, FLJ00030, SCOT-T, SCOTT	
	Protein Interaction Partner: OXCT2,	
	Protein Size: 517	
Molecular Weight:	56 kDa	
Gene ID:	64064	
NCBI Accession:	NM_022120, NP_071403	
UniProt:	Q9BYC2	
Application Details		
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.	
Comment:	Antigen size: 517 AA	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Concentration:	Lot specific	
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 %	
	sucrose.	
Preservative:	Sodium azide	
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which	
	should be handled by trained staff only.	
Handling Advice:	Avoid repeated freeze-thaw cycles.	
Storage:	-20 °C	
	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small	

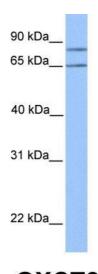
aliquots to prevent freeze-thaw cycles.

Publications

Product cited in:

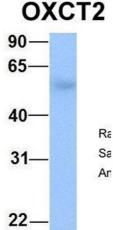
Mehrle, Rosenfelder, Schupp, del Val, Arlt, Hahne, Bechtel, Simpson, Hofmann, Hide, Glatting, Huber, Pepperkok, Poustka, Wiemann: "The LIFEdb database in 2006." in: **Nucleic acids research**, Vol. 34, Issue Database issue, pp. D415-8, (2005) (PubMed).

Images



Western Blotting

Image 1. WB Suggested Anti-OXCT2 Antibody Titration: 0.2-1 ug/ml Positive Control: Jurkat cell lysate



Western Blotting

Image 2. Host: Rabbit Target Name: OXCT2 Sample Type: Human Fetal Lung Antibody Dilution: 1.0ug/ml