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anti-SLC27A6 antibody (Middle Region)

2 Images



Publication



Go to Product page

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Quantity:	100 μL
Target:	SLC27A6
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Rabbit, Cow, Zebrafish (Danio rerio), Dog, Guinea Pig, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC27A6 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)
Product Details	
Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human SLC27A6
Immunogen: Sequence:	The immunogen is a synthetic peptide directed towards the middle region of human SLC27A6 KSTCLYIFTS GTTGLPKAAV ISQLQVLRGS AVLWAFGCTA HDIVYITLPL
Sequence:	KSTCLYIFTS GTTGLPKAAV ISQLQVLRGS AVLWAFGCTA HDIVYITLPL Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit:
Sequence: Predicted Reactivity:	KSTCLYIFTS GTTGLPKAAV ISQLQVLRGS AVLWAFGCTA HDIVYITLPL Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 100% This is a rabbit polyclonal antibody against SLC27A6. It was validated on Western Blot using a
Sequence: Predicted Reactivity: Characteristics:	KSTCLYIFTS GTTGLPKAAV ISQLQVLRGS AVLWAFGCTA HDIVYITLPL Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 100% This is a rabbit polyclonal antibody against SLC27A6. It was validated on Western Blot using a cell lysate as a positive control.

Target Details

Alternative Name:	SLC27A6 (SLC27A6 Products)		
Background:	SLC27A6 is a member of the fatty acid transport protein family (FATP). FATPs are involved in the uptake of long-chain fatty acids and have unique expression patterns. Alternatively spliced transcript variants encoding the same protein have been found for this gene. This gene encodes a member of the fatty acid transport protein family (FATP). FATPs are involved in the uptake of long-chain fatty acids and have unique expression patterns. Alternatively spliced transcript variants encoding the same protein have been found for this gene. Alias Symbols: ACSVL2, DKFZp779M0564, FACVL2, FATP6, VLCS-H1 Protein Interaction Partner: ELAVL1, UBC, CUTC, CHD3, TMEM62, TNFRSF10C, VIM, GNB2L1, Protein Size: 619		
Molecular Weight:	70 kDa		
Gene ID:	28965		
NCBI Accession:	NM_001017372, NP_001017372		
UniProt:	Q9Y2P4		
Application Details			
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.		
Comment:	Antigen size: 619 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.		
	-20 °C		

Storage Comment:

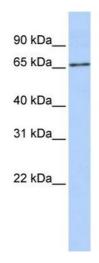
For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Publications

Product cited in:

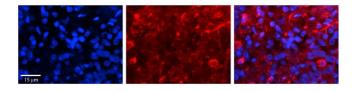
Spellman, Ahmed, Dubach, Gardiner: "Expression of trisomic proteins in Down syndrome model systems." in: **Gene**, Vol. 512, Issue 2, pp. 219-25, (2012) (PubMed).

Validation report #100008 for Western Blotting (WB)



Western Blotting

Image 1. WB Suggested Anti-SLC27A6 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:1562500 Positive Control: MCF7 cell lysate SLC27A6 is supported by BioGPS gene expression data to be expressed in MCF7



Immunohistochemistry

Image 2. Rabbit Anti-SLC27A6 Antibody Formalin Fixed Paraffin Embedded Tissue: Human Pineal Tissue Observed Staining: Membrane and cytoplasmic in cell bodies of pinealocytes and their processes Primary Antibody Concentration: 1:100 Other Working Concentrations: 1/600 Secondary Antibody: Donkey anti-Rabbit-Cy3 Secondary Antibody Concentration: 1:200 Magnification: 20X Exposure

Time: 0.5 - 2.0 sec