

ODC Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP06336
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human SLC25A21. AA range:134-183
Mol wt	33303
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, IHC-p, ELISA
Concentration	1 mg/ml
Full name	ODC Antibody
Synonyms	SLC25A21; ODC; Mitochondrial 2-oxodicarboxylate carrier; Solute carrier family 25 member 21

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

SLC25A21 is a homolog of the *S. cerevisiae* ODC proteins, mitochondrial carriers that transport C5-C7 oxodicarboxylates across inner mitochondrial membranes. One of the species transported by ODC is 2-oxoadipate, a common intermediate in the catabolism of lysine, tryptophan, and hydroxylysine in mammals. Within mitochondria, 2-oxoadipate is converted into acetyl-CoA.

Recommended Dilution

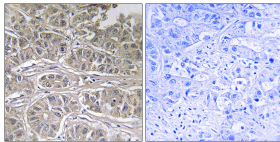
WB: 1: 500 - 1: 2000

IHC: 1: 100 - 1: 300

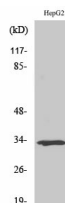
ELISA: 1: 40000

Not yet tested in other applications.

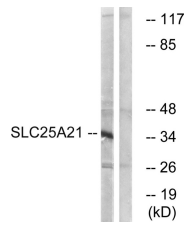
Images



Immunohistochemistry analysis of paraffin-embedded human liver carcinoma tissue, using SLC25A21 Antibody. The picture on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using ODC Polyclonal Antibody



Western blot analysis of lysates from HepG2 cells, using SLC25A21 Antibody. The lane on the right is blocked with the synthesized peptide.

Storage

-20°C for one year

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