



# Mouse anti-Human SLC25A21 monoclonal antibody, clone 3D0 (CABT-B9546)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Immunogen</b>	SLC25A21 (NP_085134.1, 36 a.a. ~ 99 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Isotype</b>	IgG2a, κ
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	3D0
<b>Purification</b>	Affinity chromatography
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	ELISA
<b>Format</b>	Liquid
<b>Concentration</b>	0.2-1.0 mg/ml
<b>Size</b>	100 µg
<b>Buffer</b>	PBS, pH 7.4
<b>Preservative</b>	no preservative
<b>Storage</b>	-20°C, Avoid Freeze/Thaw Cycles

## BACKGROUND

**Introduction**

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.[supplied by OMIM, Apr 2004]

**Keywords**

SLC25A21; solute carrier family 25 (mitochondrial oxoadipate carrier), member 21; ODC; ODC1; mitochondrial 2-oxodicarboxylate carrier; oxodicarboxylate carrier; solute carrier family 25 member 21; solute carrier family 25 (mitochondrial oxodicarboxylate carrier), member 21;

## GENE INFORMATION

**Entrez Gene ID**[89874](#)**UniProt ID**[Q9BQT8](#)