

anti- SLC25A33 antibody

Product Information

Catalog No.:	FNab07940
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Background

Mitochondrial transporter that imports/exports pyrimidine nucleotides into and from mitochondria(PubMed:25320081). Transports preferentially uracil, thymine, and cytosine(deoxy)nucleoside di-and triphosphates by an antiport mechanism(PubMed:25320081). Also transports guanine but not adenine(deoxy)nucleotides(PubMed:25320081). Is inhibited strongly by pyridoxal 5'-phosphate, 4,7-diphenyl-1,10-phenanthroline, tannic acid, and mercurials(mercury dichloride, mersalyl acid, p-hydroxymercuribenzoate)(PubMed:25320081). Participates in mitochondrial genome maintenance, regulation of mitochondrial membrane potential and mitochondrial respiration(PubMed:20453889). Upon INS or IGF1 stimulation regulates cell growth and proliferation by controlling mitochondrial DNA replication and transcription, the ratio of mitochondria-to nuclear-encoded components of the electron transport chain resulting in control of mitochondrial ROS production(PubMed:20453889, PubMed:17596519). Participates in dendritic cell endocytosis and may associate with mitochondrial oxidative phosphorylation(PubMed:14715278).

Immunogen information

Immunogen:	solute carrier family 25, member 33
Synonyms:	None
Observed MW:	35-40 kDa

Wuhan Fine Biotech Co., Ltd.

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UniprotID : Q9BSK2

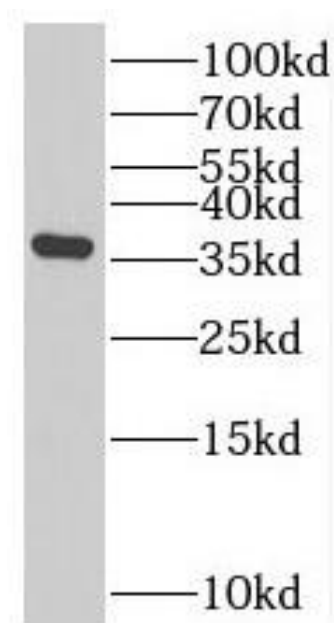
Application

Reactivity: Human

Tested Application: ELISA, WB

Recommended dilution: WB: 1:500-1:2000

Image:



U2Os cells were subjected to SDS PAGE followed by western blot with FNab07940(SLC25A33 antibody)

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