

Datasheet for ABIN651462
anti-SLC25A19 antibody (C-Term)[1 Image](#)[1 Publication](#)[Go to Product page](#)

Overview

Quantity:	400 µL
Target:	SLC25A19
Binding Specificity:	AA 236-263, C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC25A19 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This SLC25A19 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 236-263 amino acids from the C-terminal region of human SLC25A19.
Clone:	RB26224
Isotype:	Ig Fraction
Predicted Reactivity:	Pr
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	SLC25A19
Alternative Name:	SLC25A19 (SLC25A19 Products)

Target Details

Background: SLC25A19 encodes a mitochondrial protein that is a member of the solute carrier family. Although this protein was initially thought to be the mitochondrial deoxynucleotide carrier involved in the uptake of deoxynucleotides into the matrix of the mitochondria, further studies have demonstrated that this protein instead functions as the mitochondrial thiamine pyrophosphate carrier, which transports thiamine pyrophosphates into mitochondria.

Molecular Weight: 35511

Gene ID: 60386

NCBI Accession: [NP_001119593](#), [NP_001119594](#), [NP_068380](#)

UniProt: [Q9HC21](#)

Application Details

Application Notes: WB: 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

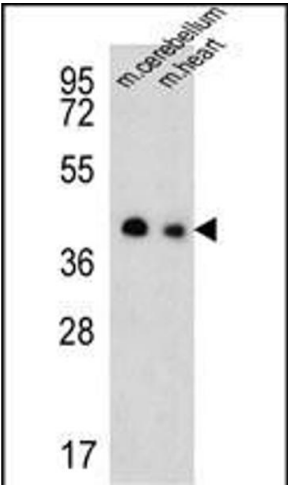
Storage: 4 °C,-20 °C

Storage Comment: Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.

Expiry Date: 6 months

Publications

Product cited in: Huang, Zhan, Cao, Li, Lyu, Guo, Zhang, Ji, Ren, An, Liu, Nie, Xing: "Increased mitochondrial fission promotes autophagy and hepatocellular carcinoma cell survival through the ROS-modulated coordinated regulation of the NFKB and TP53 pathways." in: **Autophagy**, Vol. 12, Issue 6, pp. 999-1014, (2017) ([PubMed](#)).



Western Blotting

Image 1. Western blot analysis of SLC25A19 Antibody (C-term) (ABIN651462 and ABIN2840254) in mouse cerebellum,heart tissue lysates (35 µg/lane).SLC25A19 (arrow) was detected using the purified Pab.