

## Datasheet

### SLC25A4 polyclonal antibody (A01)

**Catalog Number:** H00000291-A01

**Regulation Status:** For research use only (RUO)

**Product Description:** Mouse polyclonal antibody raised against a full-length recombinant SLC25A4.

**Immunogen:** SLC25A4 (AAH08664.1, 1 a.a. ~ 298 a.a) full-length recombinant protein with GST tag.

**Sequence:**

MGDHAWSFLKDFLAGGVAAAVSKTAVAPIERVKLLLR  
VQHASRQISAEKQYKGIIDCVVRIPKEQGFLSFWRGNL  
ANVIRYFPTQALNFAFKDKYKQLFLGGVDRHKQFWRY  
FAGNLASGGAAGATSLCFVYPLDFARTRLAADVKGKA  
AQREFHGLGDCIIFKSDGLRGLYQGFNVSVQGIIYR  
AAYFGVYDTAKGMLPDPKNVHIFVSWMIAQSVTAVAG  
LVSYPFDTVRRRMMMQSGRKGADIMYTGTVDCWRKI  
AKDEGAFAFFKGAWSNVLRGMGGAFLVLYDEIKKYV

**Host:** Mouse

**Reactivity:** Human

**Applications:** ELISA

(See our web site product page for detailed applications information)

**Protocols:** See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Storage Buffer:** 50 % glycerol

**Storage Instruction:** Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 291

**Gene Symbol:** SLC25A4

**Gene Alias:** AAC1, ANT, ANT1, PEO2, PEO3, T1

**Gene Summary:** This gene is a member of the mitochondrial carrier subfamily of solute carrier protein genes. The product of this gene functions as a gated pore that translocates ADP from the mitochondrial matrix into the cytoplasm. The protein forms a homodimer

embedded in the inner mitochondria membrane. Mutations in this gene have been shown to result in autosomal dominant progressive external ophthalmoplegia and familial hypertrophic cardiomyopathy. [provided by RefSeq]

**References:**

1. The Interaction between Cell Adhesion Molecule L1, Matrix Metalloproteinase 14, and Adenine Nucleotide Translocator at the Plasma Membrane Regulates L1-Mediated Neurite Outgrowth of Murine Cerebellar Neurons. Loers G, Makhina T, Bork U, Dorner A, Schachner M, Kleene R. J Neurosci. 2012 Mar 14;32(11):3917-30.