

Datasheet

SLC25A13 purified MaxPab mouse polyclonal antibody (B01P)

Catalog Number: H00010165-B01P

Regulation Status: For research use only (RUO)

Product Description: Mouse polyclonal antibody raised against a full-length human SLC25A13 protein.

Immunogen: SLC25A13 (NP_055066.1, 1 a.a. ~ 675 a.a) full-length human protein.

Sequence:

MAAAKVALTKRADPAELRTIFLKYASIEKNGEFFMSPN
DFVTRYLNIFGESQPNPKTVLLSGVVDQTKDGLISFQ
EFVAFESVLCAPDALFMVAFQLFDKAGKGEVTFEDVK
QVFGQTTHQHIFPNWDSEFVQLHFGKERKRHLTYAE
FTQFLLEIQLEHAKQAFVQRDNARTGRVTAIDFRDIMV
TIRPHVLTTPFVEECLVAAAGGTTSHQVSFSYFNGFNLSL
LNNMELIRKIYSTLAGTRKDVEVTKEEFVLAQKFGQV
TPMEVDILFQLADLYEPRGRMTLADIERIAPLEEGTLPF
NLAEAQRQKASGDSARPVLLQVAESAYRFGLGSVAG
AVGATAVYPIDLVKTRMQNQSTGSFVGELMYKNSFD
CFKKVLRVYEGFFGLYRGLLPQLLGVAPEKAIKLTVNDF
VRDKFMHKDGSVPLAAEILAGGCAGGSQVIFTNPLEIV
KIRLQVAGEITTGPRVSALS VVRDLGFFGIYKGAKACFL
RDIPFSAIYFPCYAHVKASFANEDGQVSPGSLLLAGAIA
GMPAASLVTPADVIKTRLQVAARAGQTTYSGVIDCFRK
ILREEGPKALWKGAGARVFRSSPQFGVTLLTYELLQR
WFYIDFGGVKPMGSEPVPKSRINLPAPNPDHVG GYKL
AVATFAGIENKFGLYLPLFKPSVSTSKAIGGGP

Host: Mouse

Reactivity: Human

Applications: WB-Ti, WB-Tr

(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: In 1x PBS, pH 7.4

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

Entrez GeneID: 10165

Gene Symbol: SLC25A13

Gene Alias: ARALAR2, CITRIN, CTLN2

Gene Summary: This gene is a member of the mitochondrial carrier family. The encoded protein contains four EF-hand Ca(2+) binding motifs in the N-terminal domain, and localizes to mitochondria. The protein catalyzes the exchange of aspartate for glutamate and a proton across the inner mitochondrial membrane, and is stimulated by calcium on the external side of the inner mitochondrial membrane. Mutations in this gene result in citrullinemia, type II. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]