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Datasheet

SLC25A13 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog Number: H00010165-D01P

Regulation Status: For research use only (RUO)

Product Description: Rabbit 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
DFVTRYLNIFGESQPNPKTVELLSGVVDQTKDGLISFQ
EFVAFESVLCAPDALFMVAFQLFDKAGKGEVTFEDVK
QVFGQTTIHQHIPFNWDSEFVQLHFGKERKRHLTYAE
FTQFLLEIQLEHAKQAFVQRDNARTGRVTAIDFRDIMV
TIRPHVLTPFVEECLVAAAGGTTSHQVSFSYFNGFNSL
LNNMELIRKIYSTLAGTRKDVEVTKEEFVLAAQKFGQV
TPMEVDILFQLADLYEPRGRMTLADIERIAPLEEGTLPF
NLAEAQRQKASGDSARPVLLQVAESAYRFGLGSVAG
AVGATAVYPIDLVKTRMQNQRSTGSFVGELMYKNSFD
CFKKVLRYEGFFGLYRGLLPQLLGVAPEKAIKLTVNDF
VRDKFMHKDGSVPLAAEILAGGCAGGSQVIFTNPLEIV
KIRLQVAGEITTGPRVSALSVVRDLGFFGIYKGAKACFL
RDIPFSAIYFPCYAHVKASFANEDGQVSPGSLLLAGAIA
GMPAASLVTPADVIKTRLQVAARAGQTTYSGVIDCFRK
ILREEGPKALWKGAGARVFRSSPQFGVTLLTYELLQR
WFYIDFGGVKPMGSEPVPKSRINLPAPNPDHVGGYKL
AVATFAGIENKFGLYLPLFKPSVSTSKAIGGGP

Host: Rabbit

Reactivity: Human,Mouse

Applications: WB-Ce, 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]