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Datasheet

MUT purified MaxPab mouse polyclonal antibody (B01P)

Catalog Number: H00004594-B01P

Regulation Status: For research use only (RUO)

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

Immunogen: MUT (AAH16282.1, 1 a.a. ~ 750 a.a) full-length human protein.

Sequence:
MLRAKNQLFLLSPHYLRQVKESSGSRLIQQRLLHQQQ
PLHPEWAALAKKQLKGKNPEDLIWHTPEGISIKPLYSK
RDTMDLPEELPGVKPFTRGPYPTMYTFRPWTIRQYAG
FSTVEESNKFYKDNIKAGQQGLSVAFDLATHRGYDSD
NPRVRGDVGMAGVAIDTVEDTKILFDGIPLEKMSVSMT
MNGAVIPVLANFIVTGEEQGVPKEKLTGTIQNDILKEFM
VRNTYIFPPEPSMKIIADIFEYTAKHMPKFNSISISGYHM
QEAGADAILELAYTLADGLEYSRTGLQAGLTIDEFAPRL
SFFWGIGMNFYMEIAKMRAGRRLWAHLIEKMFQPKNS
KSLLLRAHCQTSGWSLTEQDPYNNIVRTAIEAMAAVFG
GTQSLHTNSFDEALGLPTVKSARIARNTQIIIQEESGIPK
VADPWGGSYMMECLTNDVYDAALKLINEIEEMGGMA
KAVAEGIPKLRIEECAARRQARIDSGSEVIVGVNKYQLE
KEDTVEVLAIDNTSVRNRQIEKLKKIKSSRDQALAERCL
AALTECAASGDGNILALAVDASRARCTVGEITDALKKV
FGEHKANDRMVSGAYRQEFGESKEITSAIKRVHKFME
REGRRPRLLVAKMGQDGHDRGAKVIATGFADLGFDV
DIGPLFQTPREVAQQAVDADVHAVGVSTLAAGHKTLV
PELIKELNSLGRPDILVMCGGVIPPQDYEFLFEVGVSN
VFGPGTRIPKAAVQVLDDIEKCLEKKQQSV

Host: Mouse

Reactivity: Human

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: 4594

Gene Symbol: MUT

Gene Alias: MCM

Gene Summary: This gene encodes the mitochondrial enzyme methylmalonyl Coenzyme A mutase. In humans, the product of this gene is a vitamin B12-dependent enzyme which catalyzes the isomerization of methylmalonyl-CoA to succinyl-CoA, while in other species this enzyme may have different functions. Mutations in this gene may lead to various types of methylmalonic aciduria. [provided by RefSeq]